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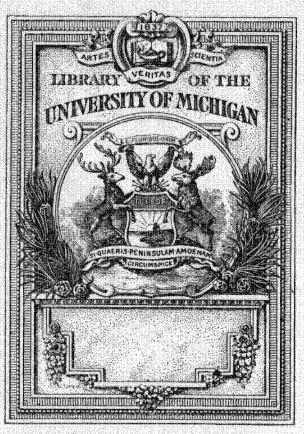

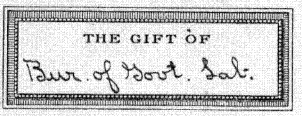

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DEPARTMENT OF THE INTERIOR
BUREAU OF GOVERNMENT LABORATORIES

A REVIEW OF THE IDENTIFICATIONS OF THE SPECIES DESCRIBED IN BLANCO'S FLORA DE FILIPINAS

BY

ELMER D. MERRILL,

BOTANIST

MANILA
BUREAU OF PUBLIC PRINTING
1905

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PREVIOUS PUBLICATIONS OF THE BUREAU OF GOVERNMENT LABORATORIES.

No. 1, 1902, Biological Laboratory.—Preliminary Report of the Appearance in the Philippine Islands of a Disease Clinically Resembling Glanders. By R. P. Strong, M. D.

No. 2, 1902, Chemical Laboratory.—The Preparation of Benzoyl-Acetyl Peroxide and Its Use as an Intestinal Antiseptic in Cholera and Dysentery. (Preliminary notes.) By Paul C. Freer, M. D., Ph. D.

No. 3, 1903, Biological Laboratory.—A Preliminary Report on Trypanosomiasis of Horses in the Philippine Islands. By W. E. Musgrave, M. D., Acting Director Biological Laboratory, and Norman E. Williamson, Assistant Bacteriologist Bureau of Government Laboratories.

No. 4, 1903, Serum Laboratory.—Preliminary Report on the Study of Rinderpest of Cattle and Carabaos in the Philippine Islands. By James W. Jobling, M. D., Director of the Serum Laboratory.

No. 5, 1903, Biological Laboratory.—Trypanosoma and Trypanosomiasis, with Special Reference to Surra in the Philippine Islands. By W. E. Musgrave, M. D., Acting Director Biological Laboratory, and Moses T. Clegg, Assistant Bacteriologist Biological Laboratory.

No. 6, 1903.—I. New or Noteworthy Philippine Plants. II. The American Element in the Philippine Flora. By Elmer D. Merrill, Botanist.

No. 7, 1903, Chemical Laboratory.—The Gutta Percha and Rubber of the Philippine Islands. By Penoyer L. Sherman, jr., Ph. D., Chemist, Chemical Laboratory.

No. 8, 1903.—A Dictionary of the Plant Names of the Philippine Islands. By Elmer D. Merrill, Botanist.

No 9, 1903, Biological Laboratory.—A Report on Hemorrhagic Septicæmia in Animals in the Philippine Islands. By Paul G. Woolley, M. D., and J. W. Jobling, M. D.

No. 10, 1903, Biological Laboratory.—Two Cases of a Peculiar Form of Hand Infection (Due to an Organism Resembling the Koch-Weeks Bacillus). By John R. McDill, M. D., and Wm. B. Wherry, M. D.

No. 11, 1903, Biological Laboratory.—Entomological Division, Bulletin No. 1, Preliminary Bulletin on Insects of the Cacao. (Prepared especially for the benefit of farmers.) By Charles S. Banks, Entomologist Bureau of Government Laboratories.

No. 12, 1903, Biological Laboratory.—Report on Some Pulmonary Lesions Produced by the Bacillus of Hemorrhagic Septicæmia of Carabaos. By Paul G. Woolley, M. D.

No. 13, 1904, Biological Laboratory.—A Fatal Infection by a Hitherto Undescribed Chromogenic Bacterium: Bacillus aureus fœtidus. By Maximilian Herzog, M. D.

No. 14, 1904, Serum Laboratory.—Texas Fever in the Philippine Islands and the Far East. By J. W. Jobling, M. D., and Paul G. Woolley, M. D. *Biological Laboratory.*—Entomological Division, Bulletin No. 2, the Australian Tick (Boophilus Australis Fuller) in the Philippine Islands. By Charles S. Banks, Entomologist.

No. 15, 1904, Biological and Serum Laboratories.—Report on Bacillus Violaceus Manilæ: A Pathogenic Micro-Organism. By Paul G. Woolley, M. D.

No. 16, 1904, Biological Laboratory.—Protective Inoculation Against Asiatic Cholera: An Experimental Study. By Richard P. Strong, M. D.

No. 17, 1904.—New or Noteworthy Philippine Plants. II. By Elmer D. Merrill, Botanist.

No. 18, 1904, Biological Laboratory.—Part I. Amebas: Their Cultivation and Etiologic Significance. By W. E. Musgrave, M. D., and Moses T. Clegg. Part II. Treatment of Uncomplicated Intestinal Amebiasis (Amebic Dysentery) in the Tropics. By W. E. Musgrave, M. D.

(Continued on third page of cover.)

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LETTER OF TRANSMITTAL.

DEPARTMENT OF THE INTERIOR,
BUREAU OF GOVERNMENT LABORATORIES,
OFFICE OF THE SUPERINTENDENT OF LABORATORIES,
Manila, P. I., July 25 1904.

SIR: I have the honor to transmit herewith a paper entitled "A Review of the Identifications of the Species Described in Blanco's Flora de Filipinas," by Elmer D. Merrill, botanist.

I am, very respectfully,

PAUL C. FREER,
Superintendent of Government Laboratories.

Hon. DEAN C. WORCESTER,
Secretary of the Interior.

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A REVIEW OF THE IDENTIFICATIONS OF THE SPECIES DESCRIBED IN BLANCO'S FLORA DE FILIPÍNAS.

By ELMER D. MERRILL, *Botanist.*

INTRODUCTION.

"Il est à regretter que ces révérends ecclésiastiques (Blanco and Loureiro) et même le Père Plumier, leur prédécesseur, ne se soient pas contentés d'écrire des homélies." Thus A. DeCandolle[1] expressed his opinion of Blanco's botanical work, an opinion in which all botanists who have occasion to study the Philippine flora will heartily concur.

While we must agree with DeCandolle's opinion regarding Blanco's work, and while undoubtedly the publication of Blanco's Flora de Filipinas has retarded rather than advanced our knowledge of the Philippine flora, still much credit is due to this author for prosecuting his investigations under most unfavorable conditions. The preparation, by the unaided efforts of one man, of a work of the magnitude of Blanco's Flora de Filipinas, with no correspondence with contemporary European botanists, with few reference books, and no authentically named botanical specimens, and where almost every fact noted is the result of the personal observation of the author, is in itself a monument to the zeal and ability of Blanco, and, after a consideration of the circumstances under which the work was accomplished, one can but wonder that the author did not commit more errors.

Blanco's generic and specific descriptions, judged from the standpoint of modern botany, are certainly very imperfect and incomplete, yet many of them are equal or even superior to many of those published by his contemporaries. However, while on the

[1] Phytographie, 141.

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one hand the types of the species described by various European botanists are still perserved in various herbaria in Europe, and an examination of the type specimen will usually clear up any question existing as to the identity of any doubtful species, on the other the types of all of Blanco's species have been destroyed. It is certain that Blanco had at least a working herbarium, but unfortunately, after his death, the value of his collection was not recognized. Accordingly, to-day we are dependent entirely on his imperfect descriptions for the identification of his species.

In the two editions of the Flora de Filipinas, Blanco described no less than 1,127 species and varieties, of which about 623 were proposed by him as new to science, and 219 were correctly and 285 incorrectly identified with species of other authors. A large percentage of Blanco's new species are to-day unknown, but the greater proportion will eventually be reduced as synonyms of those described by other authors. At the present time but 90 are known to be valid. Considering the early date when Blanco did his work and the fact that the Philippine flora is especially rich in endemic species, the percentage of valid ones among those proposed by Blanco is exceedingly small, but this is due to several factors. Most of Blanco's botanical material was from the immediate vicinity of towns or from thickly settled regions, and accordingly a great proportion of his species were based on widely distributed and cosmopolitan forms. He had practically no material from the higher mountains, where the flora is especially rich and interesting; he made no attempt to make his work exhaustive for any one family or group—in fact, he almost entirely ignored such large and critical families as the *Orchidaceæ, Gramineæ, Cyperaceæ,* etc. He endeavored particularly to include all species of economic value, especially cultivated plants, and he erroneously identified with species of other authors very many which would have been valid had he given them distinctive specific names.

THE FIRST EDITION OF BLANCO'S FLORA DE FILIPINAS.

In the year 1837 there was published in Manila the first edition of Blanco's Flora de Filipinas, an octavo volume of 887 pages, with an introduction of 78 additional pages, the latter containing an explanation of the principles of botany, of the technical terms used in the text, of the Linnean system of classification, and an enumeration of the genera treated in the work, arranged in classes

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according to the latter. The work is entirely in the Spanish language, and contains the descriptions of 903 species and varieties under Latin and 31 under native names only. This work is the only one of its kind treating of the flora of the Philippines, and on account of the many imperfect descriptions, and also due to the fact that the types of Blanco's species were never accessible to European botanists, the publication of this work has caused considerable confusion in the subsequent treatment of the flora of the Philippines and the adjacent Malayan region, although had the types of Blanco's species been preserved his work would have compared very favorably with that of many of his contemporaries. According to Blanco's statement he had few botanical books, chiefly Linnaeus' Systema Vegetabilium, Jussieu's Genera Plantarum, Aublet's Histoire des Plantes de la Guiane françois, and some of the earlier volumes of DeCandolle's Prodromus.

THE SECOND EDITION.

In 1845, shortly after Blanco's death,[1] a second edition of his Flora de Filipinas was published, an octavo volume of 619 pages, very similar to the first one in its style and arrangement, but scarcely an improvement. In the second edition 1,131 species and varieties are described under Latin and 27 under native names only. Six described in the first are excluded from the second, while 198 are added in the second, and no less than 247 described in the first are included in the second under different generic or specific names. As the descriptions of the species in the second edition contain no references to those in the first, it was in many cases difficult to correlate the species of the two editions up to the time of publication of the Novissima Appendix. In some cases the specific or generic names were arbitrarily changed by Blanco, while in others he attempted to identify certain species which were treated of in the first edition with those which had previously been described by other authors. Very few of these changes are correct. In other cases in the first edition he described species under their proper names, which in the second he erroneously altered.

It is frequently rather difficult to determine definitely whether or not Blanco intended to describe a species as new or to identify the same with those of other authors. In some cases, but not always, he indicates these new species. Authorities for species are

[1] Blanco died in Manila April 1, 1845.

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not given, and only when he gives a citation at the end of a description, to Linnaeus, DeCandolle, or other authors, can we be sure that he intended these to represent species of other authors.

Blanco had little conception of geographical distribution, and on the one hand identified many endemic species with those of Asia, and even of tropical America, in the latter being influenced by Aublet's Histoire des Plantes de la Guiane françoise, of which work he had a copy, while on the other hand he described as new many species, native of tropical America, introduced as weeds or as cultivated plants. The second edition like the first follows the Linnean system of classification, with some changes in the sequence of families and genera, but is marred by many typographical errors, which are probably due to the fact that Blanco's death occurred some months before the book was printed, and the correction of the proof devolved on some person who had little or no botanical knowledge.

THE THIRD EDITION.

The third or Augustinian edition of Blanco's Flora de Filipinas was published in Manila between the years 1877 and 1883, under the auspices of the Order of Augustinians. It is a pretentious publication of four volumes of text and two volumes of plates, and is the work of two Augustinian priests, Andreas Naves and Celestino Fernandez-Villar. The first three volumes practically consist of only a reprint of the second edition with a Latin translation, although in rare instances names that are used for species in the first edition are substituted for those in the second. In the third no page references are given to species in the first and second, and accordingly the third edition is of little practical value, and shows no improvement over the second except that it is more available to botanists who have no knowledge of the Spanish language. The authors of the third edition practically succeeded only in extending the data included in the small, convenient octavo volume of the second, through three bulky folio volumes, and in so doing added nothing to our knowledge of Blanco's species or to our knowledge of the Philippine flora. Volume 1 of the third edition was published in the year 1877 and contains 350 pages, including the species from Monandra, Monogynia to Hexandra, Hexagynia; volume 2 was published in the year 1878 and consists of 418 pages, including the species from Octandria, Monogynia, to Polyadelphia, Polyandra, while volume 3, published in 1879, consists of 271 pages and

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contains those from Syngenesia to Cryptogamia, and the uncertain species. The fourth volume and the two of plates have no direct connection with the first and second editions of Blanco's Flora de Filipinas, the Novissima Appendix, one of the papers in the fourth volume, being the only part of interest to us here.

THE NOVISSIMA APPENDIX.

The Novissima Appendix, the third and last article in the fourth volume of the third edition of Blanco's Flora de Filipinas, consists of 375 pages and was published in Manila between the years 1880 and 1883, the last part of the work being printed in June, 1883. This paper in the work of Celestino Fernandez-Villar and Andreas Naves, and upon it the present paper is largely based. The object of the publication of the Novissima Appendix was not only to reduce the species of Blanco's Flora de Filipinas to known ones of older authors but also to enumerate all the species of plants then known from the Philippines. In both cases, but more especially in the former, the authors fell far short of the mark. The authors of the Novissima Appendix made the serious mistake of identifying Blanco's Philippine species with those of other authors from British India and the Malayan region, and, except in the cases of widely distributed and well-known species, nearly all of their identifications are erroneous; and in so identifying Blanco's species they only succeeded in further complicating Philippine botany by crediting to the Archipelago scores of species that do not extend to the Philippines. Of the 1,127 species and varieties described by Blanco, 5 only were considered by the authors of the Novissima Appendix to be unknown, 1,122 being for most part reduced without question and without discussion to species of other authors. In the present paper it is considered that no less than 289 of Blanco's species are unknown at the present time, notwithstanding the work that has been done on the Philippine flora since the publication of the Novissima Appendix, and in no less than 490 other cases it has been found necessary to change or doubt the identifications of Villar and Naves. It is evident that these authors accomplished their work in the library rather than in the field and in the herbarium, and that they reduced Blanco's species to those of other authors not so much by the study of botanical material as by the examination and comparison of descriptions. It is also very evident that, no matter how well they understood Blanco's species, they had little knowledge of the

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extra-Philippine flora, and very little conception of geographical distribution. While comparatively few of the specific identifications are correct, it is a remarkable fact that very few errors are to be found in their generic identifications.

In the preparation of the manuscript for the Novissima Appendix the treatment of the Dicotyledons is by Villar, and follows the arrangement of Bentham and Hooker's Genera Plantarum. The Monocotyledons were commenced by Naves and completed by him to page 307 (*Fimbristylis nutans* Vahl.), the remainder of the work being by Villar. The last part of the Genera Plantarum was not published in time to be utilized in the treatment of the Monocotyledons.

The Novissima Appendix serves an excellent purpose in that it for the first time correlates the species of the three editions of Blanco's Flora de Filipinas, page references being given to all those described by Blanco in the three editions. Previous to the publication of the Novissima Appendix it was very difficult to correlate the species of the first two editions of the Flora de Filipinas owing to the fact that Blanco changed the names of so many species in the second edition, giving no references to the names found in the first. The Novissima Appendix also gives us a clew to the proper families and genera of Blanco's species, for it is rare indeed that they are referred to wrong genera.

The identifications of Villar and Naves have been used as a basis of the present work, and these have been accepted in all cases where the facts seem to warrant. Identifications have been discarded in some cases by a careful comparison of descriptions, and in others by a comparison of descriptions in connection with the known geographical distribution of species.

GENERA.

In the first edition of the Flora de Filipinas Blanco described seventeen new genera, four of which were discarded by him in the second, while in the second he described six additional new ones, making a total of twenty-three. Of these twenty-three genera, three—*Lunasia, Palaquium,* and *Malaisia*—are recognized to-day as valid; two—*Balingayum* and *Soala*—are unknown or uncertain, while the remaining eighteen have been satisfactorily reduced as synonyms of previously established genera of other authors. Of

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the two unknown, *Soala* belongs to the *Anonaceæ,* but can scarcely be *Cyathocalyx,* to which it has been reduced by later authors. *Balingayum* has been reduced by various authors questionably to *Erythropalum,* a genus of the *Olacaceæ,* while Fernandez-Villar retains it as a distinct genus of the *Onagraceæ.* Specimens are necessary to determine just what these genera may be, and should be found in the localities cited by Blanco in his descriptions.

SPECIES.

Of the 1,127 species and varieties described by Blanco in the two editions of his Flora de Filipinas, so far as we have been able to determine them, 289 are to-day either unknown or at least very imperfectly known from Blanco's descriptions only. These species which Blanco erroneously identified with those of older authors are of comparatively little importance to us, whether or not such are ever identified they will have no effect on the nomenclature of Philippine botany. However, with respect to those which Blanco described as new to science, it is very important to have them properly identified at the earliest date possible. Of the 289 species at present unknown, 65 Blanco erroneously identified with those of other authors, while 224 were first described by him. Of the total of 1,127 species, 623 were described by Blanco as new, 219 were correctly and 285 incorrectly identified with those of other authors. Of the 623 species described by Blanco as new, so far as known to-day, 297 have been satisfactorily reduced as synonyms of those previously described, 236 are quite unknown, while of 90 species Blanco's descriptions are the first known, and his specific names are or should be retained. It is confidently expected that we shall in the future be able to identify a large percentage of these unknown species, many of which will prove to be valid, Blanco's names replacing names of those at present credited to other authors, while many will be satisfactorily reduced as synonyms of previously described species.

THE IDENTIFICATION OF BLANCO'S SPECIES.

In identifying Blanco's species numerous factors must be considered, but it is at once evident that the identification of those which are at present unknown will depend primarily on the field worker, and accordingly the present paper has been prepared with the view of aiding collectors in the field. Blanco frequently gives much more

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space and attention to the description of gross characters and to the discussion of the economic uses of his species than to an enumeration of strictly technical characters, data and information which the ordinary dried botanical specimen does not show unless the collector's notes are very complete. Accordingly, European botanists, working only with dried material, have been unable to identify many of Blanco's species, but investigators working in the Philippines have been able to do this with little trouble because they have the advantage of knowing the various species as they appear in the field, and have to a greater or less extent the opportunity of collecting in the localities from which Blanco received his material, and of securing data regarding the economic uses of the different species, the native names, and other information which is often essential to correct identification. However, botanists working in the Philippines have been at a disadvantage in that they have not had access to the types of Malayan species in the various European herbaria, and accordingly have in many cases erroneously reduced those of Blanco to entirely different species, which in many cases do not extend to the Philippines.

Blanco's botanical material was, for most part, from the Island of Luzon, very few species being from the southern islands—Mindoro, Negros, Cebu, etc.—and not a single one from as far south as Mindanao. By far the greater part of his Luzon material came from provinces near Manila, especially from Rizal and Bulacan, while many specimens were from Pampanga, Bataan, Union, Ilocos Sur, and Camarines, few being from other provinces, such as Ilocos Norte, Cagayan, etc. In nearly all cases where Blanco does not cite the locality from which his material was received it is probable that it came from provinces near Manila, at least for the greater part. Very few were from the higher altitudes, and none from the higher mountains. *Pinus taeda* Blanco, non Linn., *Llanosia toquian* Blanco, and *Blechnum colubrinum* Blanco are examples of species from the mountains, but none of these are from the higher peaks.

The native names of plants are a very important factor in the identification of Blanco's species, but these are frequently very local and more or less subject to variation, both in pronunciation and in application. However, as a rule the native names recorded

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by Blanco are to-day applied to the same species *in the same locality,* hence it becomes necessary, when collecting with the view to the rediscovery of those of Blanco, to secure, so far as possible, material in the very towns from which be received his specimens, for frequently a name in almost universal use in one locality to designate a certain species may be quite unknown to natives of a neighboring one, or if used by the latter may be applied to an entirely different species. Native names of species of economic value, those which yield valuable timbers, dyes, and tans, food, fiber, medicines, etc., are frequently quite invariable and are universally used throughout the provinces inhabited by any one tribe of people to designate a certain definite species, and in many cases such plant names are found to be common to several dialects. In questioning natives in regard to the names and uses of plants one will frequently encounter people who have almost no knowledge even of the most common species, and unless the investigator has more or less experience in dealing with natives, and some knowledge of the subject of plant names, he is apt to receive a worthless list, made up for the occasion. However, in every town there will be found a certain number of persons who are thoroughly acquainted with the names and properties of the plants growing in the vicinity, and names secured from such persons are usually correct, at least for that locality, and can be depended upon. Certain names are used in a generic rather than in a specific sense to designate all species in a closely related group or species which have common characteristics, such as *Balete,* for most scandent species of *Ficus; Malaruhat,* for many species of *Jambosa; Dapo,* for most epiphytic plants, etc.

The present paper has been prepared in order to summarize in a convenient form our present knowledge of the species of plants described by Blanco and to call especial attention to such as are at present unknown, in order that collectors in the future may have some guide in collecting material which may serve to clear up the identity of some of his unknown species. In the preparation of this paper, wherever Blanco's names are found to be valid, and there is no doubt as to the identity of the species, they have been retained in accordance with the principles of priority. For the best interests of Philippine botany it is very essential that every effort be made to properly identify the large number of unknown species proposed by Blanco, as with so many in our flora a stable nomenclature can not be established until the majority are properly identified.

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The arrangement of the present paper follows that of the Novissima Appendix. All the species described by Blanco are included with page references in the text under each to the first and second editions of the Flora de Filipinas, while in the general index the same are given to the third edition and to the Novissima Appendix. All the native names given by Blanco have been included. They are only in the following dialects: Tagalog, Pampangan, Visayan, Bicol, and Ilocano, represented respectively by the following letters: T., P., V., B., I. Such data as the date of flowering, locality, size of the plant, and habitat are given in the case of those species which to-day are doubtful or unknown, when such data are given by Blanco. Species of Blanco, of the correctness of the identification of which we are quite certain, are followed by an exclamation mark, while the unknown and uncertain ones are preceded by an asterisk.

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ENUMERATION OF THE SPECIES.

RANUNCULACEÆ.

Atragene zeylanica Blanco, ed. 1, 461; ed. 2, 321, non Linn. Villar considers that Blanco includes two distinct species in his description and refers Blanco's species in part to *Naravelia zeylanica* DC., a species that does not extend to the Philippines, and in part to *N. laurifolia* Wall. Blanco's description seems to include the two species known as *Naravelia laurifolia* Wall., and *Clematis gouriana* Roxb., both these species being common and widely distributed in the Philippines. I., *Banaibanai, Ovai na panglao.*

DILLENIACEÆ.

Dillenia indica Blanco, ed. 1, 472, non Linn.; **Dillenia speciosa** Blanco, ed. 2, 329, non Thunb. = *Dillenia philippinensis* Rolfe! T., *Catmon.*

Delima aspera Blanco, ed. 1, 429; ed. 2, 299 = *Tetracera sarmentosa* (Linn.) Vahl.! (*Delima sarmentosa* Linn.) The pubescent form of this species. T., *Malbas tagbalang.*

Tetracera monocarpa Blanco, ed. 1, 459; **Tetracera sarmentosa** (Linn.) Vahl., ed. 2, 320. The latter name is correct.! Erroneously referred by Villar to *Tetracera macrophylla* Wall., a species that does not extend to the Philippines. T., *Malacatmon.*

MAGNOLIACEÆ.

Magnolia angatensis Blanco, ed. 1, 859; ed. 2, 328 = *Talauma angatensis* (Blanco) F.-Vill.! T., *Anobling.*

Michelia champaca Linn., Blanco, ed. 1, 462; ed. 2, 322.! T., *Sampac, Sampaca.*

*[1]**Kadsura blancoi** Azaola in Blanco, ed. 2, 594. Reduced by Villar to *Schizandra elongata* Hook. f. et Th., a species that does not extend to the Philippines. Doubtless a true *Kadsura* and a good species, possibly represented by No. 23 Loher.

ANONACEÆ.

Unona setigera Blanco, ed. 1, 468; **Uvaria setigera** Blanco, ed. 2, 323. Reduced by Villar to *Uvaria purpurea* Blume, but is probably a synonym of *Uvaria rufa* Blume. Blanco's specimens were from Mandaloyon, near Manila.

[1]Unknown species are preceded by an asterisk.

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* **Unona camphorata** Blanco, ed. 1, 486; ed. 2, 326. Reduced by Villar to *Uvaria dulcis* Dunal., a species at present unknown from the Philippines. Certainly, however, a species of *Uvaria.!* A tall scandent shrub in forests, the roots said to have the odor of camphor, bearing fruit in December. T., *Taghivalas;* V., *Dalaganum, Dalagao.*

* **Soala litoralis** Blanco, ed. 1, 437; ed. 2, 304. Reduced by Villar to *Cyathocalyx zeylanicus* Champ., a species that does not extend to the Philippines. Certainly not a species of this genus.! Blanco's specimens were from Bauang, Province of Batangas; a weak shrub near the seashore, flowering in July. T., *Soal.*

Uvaria sinensis Blanco, ed. 1, 465; **Unona uncinata** Blanco, ed. 2, 324, non DC. Reduced by Villar to *Artabotrys odoratissimus* R. Br., which is certainly correct.! T., *Alangilang sonson.*

Unona corniculata Blanco, ed. 1, 469; ed. 2, 326. Reduced by Villar to *Artabotrys suaveolens* Blume, which is probably correct. Blanco's specimens were from Arayat, Province of Pampanga; the fruit said to be fragrant and edible. P., *Susong damolag.*

Unona odoratissima Blanco, ed. 1, 467; ed. 2, 325 = *Canangium odoratum* (Lam.) Baill.! (*Cananga odorata* Hook. f. et Th.) T., *Alangilang.*

Unona cabog Blanco, ed. 1, 466; **Unona odorata** ? Blanco, ed. 2, 325. Reduced by Villar to *Unona desmos* Dunal., which is probably correct. T., *Cabog.*

Unona ossea Blanco, ed. 1, 467; **Uvaria ossea** Blanco, ed. 2, 322. Reduced by Villar to *Unona discolor* Vahl., which is certainly correct.!

* **Macanea arborea** Blanco, ed. 1, 431; **Monodora myristica** Blanco, ed. 2, 300. This species is transferred by Villar to the genus *Monocarpia* under the name *Monocarpia blancoi* F.-Vill. If this is the correct genus Blanco's first name should be taken up. A tree known in Cebu and Batangas, flowering in September. T., *Palo calai, Calai, Caningag.*

Unona dehiscens Blanco, ed. 1, 466; ed. 2, 325 = *Xylopia dehiscens* (Blanco) Merrill, Forest. Bureau Bull. 1:20. 1903. (*Xylopia blancoi* Vidal.) This species was erroneously reduced by Villar to *Anaxagorea luzonensis* A. Gray.

* **Uvaria lanotan** Blanco, ed. 1, 464; **Unona latifolia** ? Blanco, ed. 2, 324. Reduced by Villar to *Goniothalamus giganteus* Hook. f. et Th., which can not be correct according to Blanco's description. Possibly a species of *Mitrephora.* A tree flowering in March. T., *Lanotan.*

Uvaria tripetala Blanco, ed. 1, 465, non Roxb.; **Unona tripetala** Blanco, ed. 2, 324 = *Phaeanthus cumingii* Miq.! Erroneously reduced by Villar to *Phaeanthus nutans* Hook. f. et Th., a species that does not extend to the Philippines. A tree flowering in August. T., *Lanotang itim.*

Anona squamosa Linn., Blanco, ed. 1, 469; ed. 2, 327.! T., *Ates, Yates.*

Anona reticulata Linn., Blanco, ed. 1, 470; ed. 2, 327.! T., *Anonas.*

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Anona muricata Linn., Blanco, ed. 2, 326.! T., *Guanabanos.*

* **Uvaria amuyon** Blanco, ed. 1, 463; **Unona cauliflora** Blanco, ed. 2, 323. Reduced by Villar to *Melodorum fulgens* Hook. f. et Th., but this is certainly an error, as Blanco's species is a tree, while *Melodorum fulgens* is a large woody climber. T., *Amuyon, Grano del Parayso.*

MENISPERMACEÆ.

Menispermum rimosum Blanco, ed. 1, 810; ed. 2, 558 non Spreng. = *Tinospora crispa* Miers.! T., *Macabuhay;* V., *Pangiavan, Panavan, Taganagtagua, Paliavan.*

Menispermum cocculus Linn., Blanco, ed. 1, 809; ed. 2, 557 = *Anamirta cocculus* (Linn.) W. et A.! T., B., P., *Lactang, Lictang, Suma, Lanta, Lintang baguin, Tuba, Balasin, Bayati.*

Cissampelos pareira Linn., Blanco, ed. 1, 815; ed. 2, 563.! T., *Sansao, Sansaosansauan, Calacalamayan, Batangbatang, Cuscusipa, Calaad.*

NYMPHAEACEÆ.

Nymphaea lotus Linn., Blanco, ed. 1, 456; ed. 2, 317.! T., B., P., *Lavas, Talailo, Gavai gabai, Tunas.*

Nymphaea turbinatum Blanco, ed. 1, 458; **Nelumbium speciosum** Willd., Blanco, ed. 2, 318. The latter name is correct.! T., *Baino;* I., *Sucao.*

PAPAVERACEÆ.

Argemone mexicana Linn., Blanco, ed. 1, 454; ed. 2, 316.! I., *Casubhang aso.*

CRUCIFEREÆ.

Cardamine glandulosa Blanco, ed. 1, 521; **Cardamine impatiens?** Blanco, ed. 2, 363. Referred by Villar to *Nasturtium indicum* DC., which is undoubtedly correct. Blanco's specimens were from Pasig, Province of Rizal, flowering in January.

Brassica orientalis Blanco, ed. 1, 519; ed. 2, 361 non Linn. Referred by Villar to *Brassica nigra* Koch., which is probably correct. Blanco's specimens were from Pasig, Province of Rizal, flowering in March.

Sinapis brassicata Linn., Blanco, ed. 2, 362. Referred by Villar, and probably correctly so, to *Brassica campestris* Linn. Cultivated.

Sinapis sinensis Blanco, ed. 1, 520; **Sinapis juncea** Linn., Blanco, ed. 2, 362. Referred by Villar to *Brassica juncea* Hook. f. et Th., which is probably correct. Sp.-Fil., *Mostaza.*

CAPPARIDACEÆ.

Cleome viscosa Linn., Blanco, ed. 1, 522; **Polanisia viscosa** DC., Blanco, ed. 2, 364. The former name is correct.! T., *Balabalanoyan, Apoi-apoyan.*

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Cleome alliacea Blanco, ed. 1, 522; **Cleome alliodora** Blanco, ed. 2, 363 = *Pedicellaria pentaphylla* (Linn.) Schrank.! (*Gynandropsis pentaphylla* DC.) T., *Balabalanoyan, Apoiapoyan.*

* **Cleome pentaphylla** Blanco, ed. 1, 523; **Cleome gigantea** Blanco, ed. 2, 364. Reduced by Villar to the American species, *Cleome speciosa* DC. Blanco states that his species was known in Manila under the name of *Araña.* Probably a cultivated species, but Blanco does not state this fact.

Crataeva religiosa Forst., Blanco, ed. 1, 399; ed. 2, 279.! I., *Balai namoc.*

* **Capparis baducca** Blanco, ed. 1, 438 non Linn.; **Capparis mariana** Jacq., Blanco, ed. 2, 305. The latter name is possibly correct, Blanco's specimens being from Parañaque, near Manila, said to have been introduced from the Marianne Islands. T., *Alcaparras.*

Crataeva octandra Blanco, ed. 1, 400; d. 2, 380. Reduced by Villar to *Capparis floribunda* Wall., which may possibly be correct. Blanco's specimens were from Piddig, Province of Ilocos Norte.

Capparis nemorosa Blanco, ed. 1, 439; **C. micracantha** Blanco, ed. 2, 305, non DC. Reduced by Villar to *Capparis horrida* Linn. f., which is probably correct. T., *Dauag.* I., *Talactac.*

* **Capparis linearis** Blanco, ed. 1, 438; ed. 2, 305. Reduced by Villar to *Capparis viminea* Hook. f. et Th., which is certainly an error; a shrub said by Blanco to be common in forests.

* **Capparis odorata** Blanco, ed. 1, 439; ed. 2, 305. A species known only from Blanco's description, and one that Villar makes no attempt to reduce. Blanco's specimens were from Angat, Province of Bulacan.

BIXACEÆ.

Bixa orellana Linn., Blanco, ed. 1, 456; ed. 2, 317.! T., *Achote.*

Banara racemosa Blanco, ed. 1, 425; **Flacourtia corollata** Blanco, ed. 2, 559 = *Scolopia crenata* Clos.! Erroneously reduced by Villar to *Scolopia rhinanthera* Clos., a species not known from the Philippines. T., *Pilapil.*

* **Banara brevifolia** Blanco, ed. 1, 426; **Flacourtia parviflora** Blanco, ed. 2, 560. Reduced by Villar to *Scolopia dasyanthera* Benn., a species not known from the Philippines. Possibly identical with *Flacourtia ramontchi* L'Herit.

Miroxylum decline Blanco, ed. 1, 813; **Stigmarota edulis** Blanco, ed. 2, 560 = *Flacourtia sepiaria* Clos.! T., *Bitoñgol.*

Hydnocarpus polyandra Blanco, ed. 2, 545 = *Pangium edule* Reinw.! V., *Pangui.*

PITTOSPORACEÆ.

Bursaria inermis Blanco, ed. 2, 124. Possibly identical with *Pittosporum ferrugineum* Ait.

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Aquilaria pentandra Blanco, ed. 1, 373; **Limonia laureola** Blanco, ed. 2, 251, non DC. = PITTOSPORUM PENTANDRUM (Blanco) (*Pittosporum fernandezii*, Vidal, in F.-Vill. Nov. App. 13. 1880; Sinopsis, Atlas, *t. 8. f. A.* 1883; *Pittosporum brachysepalum* Turcz.! 1854.) Blanco's name is the earliest for this species which is represented by Nos. 500, 1308, 1438, 2804, 2951, and 3177 Merrill. T., *Mamalis.*

POLYGALACEÆ.

Polygala monspeliaca Blanco, ed. 1, 557; ed. 2, 388, non Linn. Reduced by Villar to *Polygala telephioides* Willd., which is probably correct. Blanco's specimens were from Mandoloyon, near Manila.

Amorpha pedalis Blanco, ed. 1, 553; ed. 2, 387. Reduced by Villar to *Salomonia oblongifolia* DC., which is probably correct. Blanco's specimens were from Malinta, near Manila, flowering in October.

Securidaca volubilis Blanco, ed. 1, 556, non Linn.; **S. ? complicata** Blanco, ed. 2, 388, non H. B. K. Reduced by Villar to *Securidaca tavoyana* Wall., which is certainly an error, as this species does not extend to the Philippines. Probably identical with *Securidaca corymbosa* Turcz. The bark is used as a substitute for soap. T., B., P., *Gogong bisaya, Gogong bacay, Balago.*

CARYOPHYLLACEÆ.

Polycarpon polyphyllum Blanco, ed. 1, 53; ed. 2, 36. Reduced by Villar to *Polycarpon loeflingiae* Benth. et Hook. f., which is probably correct. Blanco's specimens were from Pasig, Province of Rizal, flowering in February.

PORTULACACEÆ.

Portulaca oleracea Linn., Blanco, ed. 1, 407; ed. 2, 284.! T., *Olasiman, Colasiman;* B., *Ausiman.*

Portulaca meridiana Linn. f., Blanco, ed. 1, 408; ed. 2, 285 = *Portulaca quadrifida* Linn.! T., *Sayican.*

ELATINEACÆ.

Tillaea rubella Blanco, ed. 1, 75; ed. 2, 56. Reduced by Villar to *Bergia ammannioides* Roxb., which is probably correct. Blanco's specimens were from Pasig, Province of Rizal.

Bergia serrata Blanco, ed. 1, 387; **Spergula serrata** Blanco, ed. 2, 271. Reduced by Villar to *Bergia verticillata* Willd., which is probably correct.

HYPERICACEÆ.

Hypericum olympicum Blanco, ed. 1, 613; ed. 2, 429, non Linn. = *Cratoxylon blancoi* Blume.! Erroneously reduced by Villar to *Cratoxylon polyanthum* Korth. T., *Guyong guyong.*

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Hypericum aegyptium Blanco, ed. 1, 615; ed. 2, 430, non Linn. Reduced by Villar to *Cratoxylon formosum* Dyer, which is probably correct. Blanco's specimens were from Angat, Province of Bulacan, a tree flowering in August.

GUTTIFEREÆ.

Cambogia binucao Blanco, ed. 1, 434; ed. 2, 302 = *Garcinia binucao* (Blanco) Choisy.! Erroneously reduced by Villar to *Garcinia cornea* Desrouss. T., *Binucao;* V., *Bagobago.*

Cambogia venulosa Blanco, ed. 1, 435; ed. 2, 302 = *Garcinia venulosa* (Blanco) Choisy.! Erroneously reduced by Villar to *Garcinia cornea* Linn., a species that does not extend to the Philippines. A tree flowering in August. T., *Taclang anac.*

* **Stalagmites ? cambogioides** Blanco, ed. 2, 301, non Murr. Certainly a species of *Garcinia.!* This species is not mentioned by Villar in the Novissima Appendix. Blanco's specimens were from Bauang, Province of Batangas, a tree flowering in August. T., *Banago.*

* **Cambogia crassifolia** Blanco, ed. 2, 304. Reduced by Villar to *Garcinia cowa* Roxb., which is undoubtedly an error. Blanco's specimens were from Cebu. V., *Sagudan.*

* **Tovomita pentapetala** Blanco, ed. 1, 432; ed. 2, 301. This species was transferred by Villar to *Ochrocarpus,* as a distinct species, *Ochrocarpus pentapetalus* (Blanco) F.-Vill. It is, however, known only from Blanco' description. A tree flowering in December, growing along the seashore in the Provinces of Ilocos Norte and Ilocos Sur. I., *Darigayos, Pamitlain, Pamitlatin.*

* **Willughbeia multilocularis** Blanco, ed. 1, 131; ed. 2, 94. This species was first referred by Villar to the *Apocinaceæ,* but in the Addenda et Corrigenda he refers it to *Garcinia ovalifolia* var. *spicata* Hook. f. et Th. Possibly correct as to the genus, but certainly not this species. A tree flowering in August. T., *Malabatoan.*

Calophyllum inophyllum Linn., Blanco, ed. 1, 612; ed. 2, 428.! T., *Palo maria, Bitanhol, Tamauian, Dancalan, Dincalan;* B., *Dincalan, Bitaog;* P., *Bitaog, Palo maria;* I., *Bitaog.*

* **Calophyllum apetalum** Blanco, ed. 2, 429, non Willd. Reduced by Villar to *Calophyllum pulcherrimum* Wall., a species that does not extend to the Philippines. Possibly identical with *Calophyllum spectabile* Willd. Blanco's specimens were from Angat, Province of Bulacan. T., *Malabocboc.*

Plinia paniculata Blanco, ed. 1, 423; ed. 2, 296 = *Kayea paniculata* (Blanco) Merrill, Govt. Lab. Publ. 17:29. 1904. Erroneously reduced by Villar to *Kayea racemosa* Pl. et Tr., a species that does not extend to the Philippines. T., *Guisan.*

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TERNSTROEMIACEÆ.

Guettarda vermicularis Blanco, ed. 1, 723; ed. 2, 500. Reduced by Villar to *Anneslea fragrans* Wall., a species that does not extend to the Philippines. Probably identical with *Anneslea crassipes* Hook. Blanco's specimens were from the seashore, Bauang, Province of Batangas; a shrub, flowering in October. T., *Malatibig.*

Llanosia toquian Blanco, ed. 2, 319 = TAONABO TOQUIAN (Blanco) (*Ternstroemia toquian* F.-Vill.!) This species is certainly represented by Nos. 2288 and 3206 Merrill; 150, 137, and 208 Forestry Bureau, collected by Barnes, and No. 57 Ahern, Blanco's description in some respects being erroneous. Gilg, in Engler und Prantl, Natürlichen Pflanzenfamilien retains *Llanosia* as an imperfectly known genus of the *Dilleniaceæ.* T., *Toquian.*

* **Camellia sasanqua** Blanco, ed. 2, 371 non Thunb. This species is reduced by Villar to *Camellia drupifera* Lour., but this identification is very doubtful. Blanco's specimens were from a plant cultivated in Manila.

Salceda montana Blanco, ed. 2, 374 = THEA MONTANA (Blanco) (*Camellia lanceolata* F.-Vill., non Seem.). Nos. 304, 441 Whitford; Nos. 1905, 2778, 2402 Forestry Bureau. Blanco's specimens were from Angat, Province of Bulacan.

* **Helianthemum triflorum** Blanco, ed. 2, 309. Reduced by Villar to *Archytaea vahlii* Choisy, which is undoubtedly an error. Blanco's specimens were from Angat, Province of Bulacan; flowering in February. T., *Iring.*

DIPTEROCARPACEÆ.

Mocanera mayapis Blanco, ed. 1, 449; **Dipterocarpus mayapis** Blanco, ed. 2, 313 = *Anisoptera vidaliana* Brandis?; *Dipterocarpus turbinatus* F.-Vill., non Gaertn.! Blanco's species is probably identical with *Anisoptera vidaliana* Brandis, although Blanco describes the petioles as short. This is apparently one of the most common species of *Dipterocarpaceæ* in Luzon, and is universally known to the Tagalogs as *Mayapis,* the name cited by Blanco. Blanco's specimens were from the mountains near Angat, Province of Bulacan. T., *Mayapis.*

Mocanera vernicifluua Blanco, ed. 1, 540; **Dipterocarpus vernicifluus** Blanco, ed. 2, 314. The latter name is the correct one, *Dipterocarpus velutinus* Vidal being certainly a synonym. Erroneously referred by Villar to *Dipterocarpus hispidus* Thwaites. T., *Panao, Balao, Malapao.*

Mocanera grandiflora Blanco, ed. 1, 451; **Dipterocarpus grandiflorus** Blanco, ed. 2, 314.! The latter name is correct. Erroneously referred by Villar to *Dipterocarpus griffithii* Miq., a species that does not extend to the Philippines. T., *Apiton, Hapiton.*

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Mocanera thurifera Blanco, ed. 1, 446; **Dipterocarpus thurifer** Blanco, ed. 2, 310 = *Anisoptera thurifera* (Blanco) Blume.! T., *Sandana, Lauan;* B., *Lauaan.*

* **Vatica sinensis** Blanco, ed. 1, 401; ed. 2, 280, non Gmel. Reduced by Villar to *Vatica grandiflora* Dyer, but this species does not extend to the Philippines. Said by Blanco to be closely related to *Vatica mangachapoi,* and probably only a form of that species. Blanco's specimens were from San Mateo, Province of Rizal.

Vatica mangachapoi Blanco, ed. 1, 401; **Vatica apteranthera** Blanco, ed. 2, 281. Erroneously reduced by Villar to *Vatica scaphula* Dyer, a species that does not extend to the Philippines. The first name is the correct one. T., *Mangachapoi.*

Mocanera polysperma Blanco, ed. 1, 448; **Dipterocarpus polyspermus** Blanco, ed. 2, 312 = SHOREA POLYSPERMA (Blanco). Erroneously referred by Villar to *Shorea talura* Roxb., a species that does not extend to the Philippines. This distinct species is represented by Nos. 606, 734, 787, and 819 Forestry Bureau. T., *Tangili.*

* **Dipterocarpus palosapis** Blanco, ed. 2, 312. Erroneously referred by Villar to *Shorea floribunda* Kurz, a species that does not extend to the Philippines. Probably a *Shorea,* but known only from Blanco's description. T., *Palosapis.*

Mocanera malaanonan Blanco, ed. 1, 858; **Dipterocarpus malaanonan** Blanco, ed. 2, 312 = *Shorea malaanonan* (Blanco) Blume. Probably a distinct species, but not well-known. Blanco's specimens were from Angat, Province of Bulacan. T., *Malaanonan.*

* **Euphoria malaanonan** Blanco, ed. 1, 289; **Euphoria? nephelium?** Blanco, ed. 2, 200. Reduced by Villar to *Shorea robusta* Gaertn. f., which is certainly an error, at least as to the species, possibly identical with the preceding species. Blanco's specimens were from Angat, Province of Bulacan, his material being very imperfect. T., *Malaanonan.*

Mocanera guiso Blanco, ed. 1, 449; **Dipterocarpus guiso** Blanco, ed. 2, 313 = *Shorea guiso* (Blanco) Blume.! Erroneously reduced by Villar to *Shorea robusta* Gaertn. f., a species that does not extend to the Philippines. T., *Guiso, Guijo.*

Mocanera plagata Blanco, ed. 1, 447; **Dipterocarpus plagatus** Blanco, ed. 2, 311 = *Hopea plagata* (Blanco) Vidal.! Erroneously referred by Villar to *Shorea reticulata* Thwaites, an extra-Philippine species. T., *Yacal, Sapolongan.*

* **Mocanera mangachapoi** Blanco, ed. 1, 450; **Dipterocarpus mangachapoi** Blanco, ed. 2, 313 = *Shorea mangachapoi* (Blanco) Blume.! This species is known only from Blanco's description, and should not be confused with *Vatica mangachapoi* Blanco. Blanco's specimens were from Angat, Province of Bulacan, and from San Mateo, Province of Rizal. T., *Guisong dilao, Mangachapoi.*

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MALVACEÆ.

Althaea sinensis Blanco, ed. 1, 552, non Cav.; **A. rosea** Cav., Blanco, ed. 2, 386.! The latter name is correct.

Malva coromandelina Blanco, ed. 2, 551, non Cav.; **Malva luzonica** Blanco, ed. 2, 385 = *Malvastrum tricuspidatum* A. Gray.! T., *Quinalumpang.*

Sida lanceolata Roxb., Blanco, ed. 1, 548; **Sida frutescens** Blanco, ed. 2, 384, non Cav. = *Sida carpinifolia* Linn.! T., V., P., *Ualualisan, Escobang haba, Pamalis, Higot balato, Mamalis.* I., *Taquing baca.*

Sida truncatula Blanco, ed. 1, 548; **Sida philippica** DC., Blanco, ed. 2, 283 = *Sida rhombifolia* Linn. var.! T., *Escobang bilog.*

Sida semicrenata Link., Blanco., ed. 2, 384 = *Sida rhombifolia* Linn. var.!

Sida indica Linn., Blanco. ed. 1, 547; ed. 2, 283 = *Abutilon indicum* (Linn.) G. Don.! T., *Cuacuacohan, Guling gulingan, Tabing, Malis, Dalupang, Palis, Malvas de Castilla.*

Napea latifolia Blanco, ed. 2, 387 = *Malachra capitata* Linn.!

Napea scabra Blanco, ed. 1, 553; ed. 2, 386, non Linn. This is *Malachra lineariloba* Turcz.!, erroneously reduced by Villar to *Malachra bracteata* Cav., an American species. T., *Lapnis na bolohan, Anabo.* V., *Vocabul.*

Urena multifida Blanco, ed. 1, 540; ed. 2, 378, non Cav. = *Urena lobata* Linn.! T., V., P., *Colotan, Colotcolotan, Molopolo, Dalupan.*

* **Hibiscus batacensis** Blanco, ed. 1, 544; ed. 2, 380. Reduced by Villar to *Kosteletzyka,* as a distinct species *K. batacensis* (Blanco) F.-Vill. A species known only from Blanco's description, whose specimens were from the town of Batac, Province of Ilocos Norte.

Hibiscus bifurcatus Blanco, ed. 1, 545; ed. 2, 380 = *Hibiscus surratensis* Linn.!

Hibiscus abelmoschus Linn., Blanco, ed. 1, 545; ed. 2, 380.! T., *Castoli, Castiocastiogan, Dalupan.* V., *Maricum Ducum, Marucum, Maropoto, Sapinit.* P., *Castiocastiolan.*

Hibiscus tiliaceus Linn., Blanco, ed. 1, 541; ed. 2, 379.! T., P., *Balibago.* V., *Malibago, Raguindi.*

Hibiscus rosa-sinensis Linn., Blanco, ed. 1, 543; ed. 2, 379.! T., V., P., *Tacurangan, Arogangan, Antolangan, Cayanga, Tapolanga, Tarocanga, Gomamila.* I., *Cayanga rosa.*

Hibiscus mutabilis Linn., Blanco, ed. 1, 546; ed. 2, 381.!

Thespesia sublobata Blanco, ed. 2, 382 = *Thespesia lampas* D. et G.!

Hibiscus populneus Linn., Blanco, ed. 1, 544; **Thespesia populnea** (Linn.) Corr., Blanco, ed. 2, 381. The latter name is correct.! T., *Boboi gubat.*

Thespesia banalo Blanco, ed. 2, 382 = *Thespesia macrophylla* Blume.! T., *Banalo,* P., *Banaro,* V., *Banago.*

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Gossypium herbaceum Linn., Blanco, ed. 1, 534; ed. 2, 374; **G. religiosum** L., Blanco, ed. 2, 374. T., *Bulac.*

Gossypium paniculatum Blanco, ed. 1, 539; ed. 2, 378 = *Gossypium barbadense* Linn. var.! I., *Capas.*

Gossypium perenne Blanco, ed. 1, 537; ed. 2, 376 = *Gossypium arboreum* Linn.! T., *Bulac na monti, Bulac na totoo, Bulac cahoy.*

Melaleuca grandiflora Blanco, ed. 1, 615; **Bombax ceiba** Linn., Blanco, ed. 2, 372. The latter name is correct.! T., *Taglinao, Malabulac.*

Bombax pentandrum Linn., Blanco, ed. 1, 531; ed. 2, 371 = *Ceiba pentandra* (Linn.) Gaertn.! (*Eriodendron anfractuosum* DC.) T., *Boboi,* V., *Doldol,* P., *Bulac castila.*

STERCULIACEÆ.

Sterculia foetida Linn., Blanco, ed. 1, 763; ed. 2, 524.! T., *Calumpang,* I., *Bangar.*

Sterculia cordifolia Blanco, ed. 1, 764; ed. 2, 525, non Cav. = *Sterculia philippinensis* Merrill, Govt. Lab. Publ. **17**: 29. 1904. Erroneously reduced by Villar to *Sterculia urens* Roxb., a species that does not extend to the Philippines. T., *Banilad, Banilar.*

Sterculia balanghas Blanco, ed. 1, 765; ed. 2, 525, non Linn. Reduced by Villar to *Sterculia rubiginosa* Vent., a species that does not extend to the Philippines. Apparently the same as *Sterculia cuneata* R. Br. T., *Nato, Malabunot.*

Sterculia alata Blanco, ed. 2, 525, non Roxb. = *Sterculia blancoi* Rolfe.! Villar erroneously considered that Blanco's species was identical with that of Roxburgh.

Heritiera tinctoria Blanco, ed. 1, 653; ed. 2, 456 = PTEROCYMBIUM TINCTORIUM (Blanco) (*Pterocymbium javanicum* R. Br.; *Sterculia campanulata* Wall.) Blanco's name is the earliest one published for this species and should be retained. T., *Taloto,* V., *Duha?, Busain.*

* **Sterculia glandulosa** Blanco, ed. 1, 764. This species is known only from Blanco's short and imperfect description, and is excluded from the second edition. No locality or native name is given.

* **Sterculia glomerata** Blanco, ed. 1, 764; ed. 2, 525. This species is quite unknown, but is probably a species of *Myristica* as suggested by Villar. A tree having a red gum. T., *Hindurugu.*

* **Sterculia decandra** Blanco, ed. 1, 766; ed. 2, 526. This species is probably also a *Myristica* as suggested by Villar. Blanco's specimens were from Balanga, Province of Bataan, a large tree, the wood having a foetid odor. T., *Banabanalo.*

Helicteres apetala Blanco, ed. 1, 383; **Sterculia cymbiformis** Blanco, ed. 2, 526 = *Heritiera littoralis* Dry.! T., *Dongon,* I., *Paronapin.*

Kleinhovia hospita Linn., Blanco, ed. 1, 652; ed. 2, 455.! T., B., *Tanag,* B., *Hamitanag,* P., *Panampat,* I., *Bitnong.*

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Dombeya decandra Blanco, ed. 1, 349; **Dombeya biserrata** Blanco, ed. 2, 244 = *Helicteres spicata* Coleb.! T., *Dangling aso, Buntot usa,* I., *Baquinbaquit.*

Mimusops talosan Blanco, ed. 1, 284; ed. 2, 198. Reduced by Villar to a variety (*lanigera*) of the preceding and certainly only a form of the species.! Blanco's specimens were from Malinta, near Manila, a shrub flowering in September. T., *Talosan.*

Pterospermum hastatum Blanco, ed. 1, 526; ed. 2, 367 = *Pterospermum diversifolium* Blume.! T., *Bayog.*

Pterospermum obliquum Blanco, ed. 1, 529; **Pterospermum semisagittatum** Blanco, ed. 2, 368, non Buch.-Ham. A good species, the first name being the correct one.! Erroneously reduced by Villar to *Pterospermum rubiginosum* Hiern, a species that does not extend to the Philippines. T., *Calocatingan.*

Pentapetes coccinea Blanco, ed. 1, 529; **Pentapetes cebuana** Blanco, ed. 2, 369 = *Pentapetes phoenicea* Linn.!

Melochia supina Linn., Blanco, ed. 1, 524; ed. 2, 365 = *Melochia corchorifolia* Linn.!

Geruma subtrilobata Blanco, ed. 1, 182; ed. 2, 130 = the preceding species!

Melochia arborea Blanco, ed. 1, 524; ed. 2, 130 = *Melochia indica* (Houtt.) A. Gray.! (*Melochia velutina* Bedd.)

Hypericum pentandrum Blanco, ed. 1, 616; ed. 2, 430 = the preceding species!

Waltheria americana Linn., Blanco, ed. 1, 523; ed. 2, 364.! (*Waltheria indica* Linn.)

Abroma communis Blanco, ed. 1, 606; ed. 2, 160 = *Abroma augusta* Linn.!

Abroma alata Blanco, ed. 1, 605; ed. 2, 422 = the preceding species! This species is retained by Villar as distinct, but is certainly only a form of *Abroma augusta* Linn.! T., *Anibong, Anibiong,* V., *Nabo, Labon, Anabon.*

Theobroma cacao Linn., Blanco, ed. 1, 601; ed. 2, 419!

Commersonia echinata Blanco, ed. 2, 160 = *Commersonia platyphylla* Andr.!

TILIACEÆ.

* **Triopteris poliandra** Blanco, ed. 1, 380; ed. 2, 268. Reduced by Villar to *Berrya ammonilla* Roxb., which is certainly an error, as Blanco's description does not apply to that species. Blanco's specimens were from Angat, Province of Bulacan, and from Malinta, near Manila, a shrub, flowering in July. T., *Pacpacbalang.*

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* **Grewia serrata** Blanco, ed. 1, 444; **Columbia serratifolia** Blanco, ed. 2, 427, non DC. Reduced by Villar to *Grewia columnaris* Sm., a species not known from the Philippines. Possibly the same as *Grewia multiflora* Juss. Blanco's specimens were from the Tala Mountains, Province of Rizal or Bulacan.

Mallococca crenata Blanco, ed. 1, 442; **Grewia multiflora?** Blanco, ed. 2, 309. Reduced by Villar to *Grewia umbellata* Roxb., which is certainly correct.

Mallococca parva Blanco, ed. 1, 443; **Grewia mallococca,** Blanco, ed. 2, 310 = *Grewia multiflora* Juss.! T., *Danglin.*

Columbia anilao Blanco, ed. 1, 554; ed. 2, 426 = *Colona serratifolia* Cav.! Erroneously retained by Villar as a distinct species. T., *Anilao.*

Triumfetta semitriloba Linn., Blanco, ed. 1, 406; ed. 2, 283.! T., *Colotan bilog.*

Corchorus capsularis Linn., Blanco., ed. 1, 442; ed. 2, 308.! T., *Pasao na bilog.*

Corchorus catharticus Blanco, ed. 1, 442; **Corchorus olitorius** Linn., Blanco, ed. 2, 308. The latter name is correct.! T., *Salayong.*

Corchorus aestuans Blanco, ed. 1, 441; **Corchorus acutangulus** Linn., Blanco, ed. 2, 308. The latter name is correct.! T., *Pasao na haba.*

* **Vallea calomala** Blanco, ed. 1, 439; **Ageratium calomala** Blanco, ed. 2, 306. Reduced by Villar to *Elaeocarpus lancaefolius* Roxb., a species that does not extend to the Philippines, certainly, however, correct as to the genus. Blanco's specimens were from the Province of Batangas, flowering in August. T., *Calomala.*

* **Elaeocarpus sylvestris** Blanco, ed. 2, 306. This species is reduced by Villar to *Elaeocarpus oblongus* Gaertn., but Blanco's description scarcely applies to this species. Blanco's specimens were from Cebu. V., *Cabilte, Cabalte.*

MALPHIGIACEÆ.

Hiraea reclinata Blanco, ed. 1, 378, non Jacq.; **Tristillateia malintana** Blanco, ed. 2, 267 = *Tristillateia australasiaca* A. Rich.!

Triopteris jamaicensis Blanco, ed. 1, 379; ed. 2, 207, non Linn. = *Hiptage madablota* Gaertn.! V., *Comimpol.*

ZYGOPHYLLACEÆ.

Tribulus lanuginosus Blanco, ed. 1, 350; ed. 2, 245, non Linn. = *Tribulus cistoides* Linn.!

GERANIACEÆ.

Malva moschata Blanco, ed. 1, 551; ed. 2, 385, non Linn. A cultivated species, reduced by Villar to *Pelargonium odoratissimum* Ait., which is probably correct. Sp.-Fil., *Malva rosa.*

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Oxalis acetosella Blanco, ed. 1, 388; ed. 2, 272, non Linn. = *Oxalis corniculata* Linn.! T., *Tangain daga, Susocoyoli.* B., *Daraisig.* P., *Malabalugbug daguis, Ayo, Cuñgi, Yayo.*

Oxalis sensitiva Linn., Blanco, ed. 1, 399; **Biophytum sensitivum** DC., Blanco, ed. 2, 272. The last name is correct. T., *Macahiya, Damonghiya,* I., *Mahahiin.*

Averrhoa carambola Linn., Blanco, ed. 1, 391; ed. 2, 274.! T., *Balimbin, Bilimbin.*

Averrhoa bilimbi Linn., Blanco, ed. 1, 392; ed. 2, 273.! T., *Calamias, Camias,* B., *Quilingiva,* I., *Pias.*

* **Averrhoa pentandra** Blanco, ed. 1, 392; ed. 2, 274. Reduced by Villar to *Connaropsis* as a distinct species, *Connaropsis philippica* F.-Vill. If correctly referred, Blanco's specific name should be retained. Blanco's specimens were from Malinta, near Manila, flowering in October.

Impatiens triflora Blanco, ed. 1, 636; ed. 2, 443, non Willd. = *Impatiens balsamina* Linn.! T., P., *Camantigui.* V., *Suranga, Solanga.*

RUTACEÆ.

Cissus frutescens Blanco, ed. 1, 70; **Cissus arborea** Blanco, ed. 2, 51. Reduced by Villar to *Evodia roxburghiana* Benth., which is probably correct. Blanco's specimens were from the Province of Batangas, and from Malinta, near Manila. T., *Matang diablo.*

Melicope tetrandra Blanco, ed. 1, 293, non Roxb.; **Evodia triphylla** DC., Blanco, ed. 2, 50. The last name is correct.

Evodia bintoco Blanco, ed. 2, 50. Referred by Villar to *Evodia latifolia* DC., which is probably correct. Blanco's specimens were from Bohol and Samar, flowering in October. V., *Bintoco, Tancapan.*

* **Orixa ternata** Blanco, ed. 1, 62; ed. 2, 45. Reduced by Villar to *Evodia robusta* Hook. f., a species that is unknown from the Philippines, probably, however, correct as to the genus. A shrub flowering in July.

* **Fagara octandra** Blanco, ed. 1, 67; ed. 2, 47. Reduced by Villar to *Melicope ternata* Forst., a species that certainly does not extend to the Philippines. Blanco's specimens were from San Mateo, Province of Rizal, flowering in June. T., *Matang arao.*

* **Fagara piperita** Blanco, ed. 1, 64; ed. 2, 47, non Linn. Reduced by Villar to *Zanthoxylum oxyphyllum* Edgw., a species that certainly does not extend to the Philippines. Correct as to the genus and probably identical with *Zanthoxylum piperatum* DC. T., *Cayutana.*

Fagara pterota Blanco, ed. 1, 66; ed. 2, 47, non Linn. Referred by Villar to *Zanthoxylum avicennæ* DC., which is probably correct. P., T., *Cayutana,* V., *Salay marbar, Baga tambal,* P., *Salay cangay.*

Lunasia amara Blanco, ed. 1, 783; **Pilocarpus amara** Blanco, ed. 2, 540. The first name is correct, the type of the genus *Lunasia,* one of the few valid genera established by Blanco. T., *Lunas.*

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* **Bergera compressa** Blanco, ed. 1, 360; ed. 2, 254. Reduced by Villar to *Clausena willdenovii* W. et A., a species that does not extend to the Philippines. Probably, however, correct as to the genus. A small tree flowering in August. T., *Piris.*

* **Bergera inodora** Blanco, ed. 1, 361; **Bergera koenigii** Blanco, ed. 2, 254, non Linn. Reduced by Villar to *Clausena indica* Oliv., a species that does not extend to the Philippines, probably, however, correct as to the genus. Blanco's specimens were from Malinta, near Manila.

Limonia linearis Blanco, ed. 1, 357; **Limonia monophylla** Linn., Blanco, ed. 2, 252 = *Atalantia monophylla* (Linn.) Correa. ? T., *Dayap na monti.*

Limonia disticha Blanco, ed. 1, 356; **Limonia corymbosa** Blanco, ed. 2, 251 = ATALANTIA DISTICHA (Blanco) (*Atalantia nitida* Oliv., Journ. Linn. Soc. **5**, Suppl. **2**:25. 1861.) Blanco's name is the oldest for this species and should be retained. Erroneously referred by Villar to *Atalantia racemosa* W. et A., a species that does not extend to the Philippines. T., *Malarayap.*

Limonia trifoliata Linn., Blanco, ed. 1, 357; ed. 2, 252 = *Triphasia trifoliata* (Linn.) DC.! T., *Limoncitos.*

Melicope conferta Blanco, ed. 2, 205. Reduced by Villar to *Acronychia laurifolia* Blume, which is probably correct.

Murraya cerassiformis Blanco, ed. 1, 363; **Murraya exotica** Blanco, ed. 2, 255, non Linn. = *Glycosmis pentaphylla* Correa.! T., *Guinguen.*

Murraya lobata Blanco, ed. 1, 363; ed. 2, 256. Reduced by Villar to a variety of *Glycosmis pentaphylla* Correa, which is certainly correct.

* **Bergera ternata** Blanco, ed. 1, 360; ed. 2, 254. Reduced by Villar to *Glycosmis bilocularis* Thwaites, a species that does not extend to the Philippines. Probably correct as to the genus, and a form of *Glycosmis pentaphylla* Correa. Blanco's specimens were from Tala, Province of Rizal or Bulacan, a shrub with fragrant fruits. T., *Malamolauin.*

Andromeda japonica Blanco, ed. 1, 371; ed. 2, 261, non Thunb. = *Micromelum tephrocarpum* Turcz.! Erroneously referred by Villar to *Micromelum glabrescens* Benth., a species that does not extend to the Philippines. T., *Tulibas.*

Connarus foetens Blanco, ed. 1, 525; **Connarus santaloides** Blanco, ed. 2, 366 = *Murraya exotica* Linn.! T., *Camuning, Molavin.* V., P., *Camunin, Banati.*

Cookia anisum olens Blanco, ed. 1, 359; **Cookia anisodora** Blanco, ed. 2, 253 = *Clausena anisum olens* (Blanco) Merrill, Govt. Lab. **17**: 21. 1904. T., *Maisipaisi, Calomata, Camanguianis.*

Cookia wampi Blanco, ed. 1, 358; ed. 2, 253 = *Clausena wampi* (Blanco) Oliver.! T., *Huampit.*

Citrus notissima Blanco, ed. 607; ed. 2, 424. Reduced by Villar to *Citrus medica* Linn., var. *acida* Hook. f., which may be correct. T., *Dayap.* Sp.-Fil., *Limoncito.*

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* **Citrus mitis** Blanco, ed. 1, 610; ed. 2, 426. Reduced by Villar to *Citrus medica* Linn., var. *limetta* Hook. f., but Blanco's description does not apply to this variety. A small spineless shrub. T., *Aldonises, Calamondin.*

Citrus reticulata Blanco, ed. 1, 610; ed. 2, 424 = *Citrus aurantium* Linn.! T., *Sintonis.* Sp.-Fil., *Narangitas.*

Citrus aurantium Blanco, ed. 1, 609; ed. 2, 425, non Linn. Reduced by Villar to *Citrus aurantium* Linn., var. *bigrardia* Hook. f., but Blanco's description does not agree with that of this variety. A form or variety of *Citrus aurantium* Linn.! T., *Dalandan, Cahil.*

Citrus papillaris Blanco, ed. 1, 610; ed. 2, 425. Reduced by Villar to *Citrus aurantium* Linn., var. *bergamina* Hook. f., which is certainly an error. Certainly a form or variety of *Citrus aurantium* Linn.! T., *Pisong.*

Citrus torosa Blanco, ed. 1, 609; ed. 2, 425. Reduced by Villar to *Citrus hystrix* DC., which is probably correct. T., *Suya, Colobot.*

Citrus decumana Linn., Blanco, ed. 1, 606; ed. 2, 424.! T., *Lucban, Suha.*

Murraya odorata Blanco, ed. 2, 256. Reduced by Villar to *Feronia elephantum* Correa, which is probably correct. Blanco's specimens were from Angat, Province of Bulacan, flowering in February.

Limonia glutinosa Blanco, ed. 1, 358; **Feronia ternata** Blanco, ed. 2, 252 = *Aegle glutinosa* (Blanco) Merrill, Govt. Lab. **6**: 12. 1904. (*Aegle decandra* Naves.) T., *Malacabuyao.* P., T., *Tabog.*

SIMARUBACEÆ.

Manungala pendula Blanco, ed. 1, 306; **Niota tetrapetala** Lam., Blanco, ed. 2, 213 = *Samadera indica* Gaertn.! T., V., P., B., *Manungal* V., *Linatong anac, Linton gamai, Palagium, Palagarium, Ponoan, Mavindato, Daraput.*

Paliurus perforatus Blanco, ed. 1, 174; ed. 2, 122 = *Harrisonia brownii* A. Juss.! T., *Asimao.*

Paliurus dubius Blanco, ed. 1, 175; ed. 2, 122. Reduced by Villar to *Harrisonia bennetii* Hook. f., var. *multijuga* F.-Vill. Probably identical with *H. bennetii* Hook. f. T., *Laiya.*

Ailanthus pongelion Blanco, ed. 1, 380; ed. 2, 268. Reduced by Villar to *Ailanthus malabarica* DC., which is certainly correct.! T., *Macaisa, Balocas.*

OCHNACEÆ.

Ochna fascicularis Blanco, ed. 2, 246.! A good species. Erroneously reduced by Villar to *Brackenridgea.* T., *Aniatan.*

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BURSERACEÆ.

Guiacum abilo Blanco, ed. 1, 364; **Icica abilo** Blanco, ed. 2, 256 = *Garuga floribunda* Decne.! Villar reduces the species as described in the first edition to *Garuga pinnata* Roxb., and the species as described in the second edition to *Garuga floribunda* Decne., although Blanco's descriptions manifestly apply to the same species. T., *Abilo.*

Canarium album Blanco, ed. 1, 793; ed. 2, 546, non Raeusch = *Canarium luzonicum* Miq.! (*Canarium carapifolium* Perk.) Erroneously reduced by Villar to *Canarium commune* Linn., a closely related species. The source of Manila Elemi.! T., *Pisa, Pilani.* I., *Anten.*

Canarium commune Blanco, ed. 1, 791, non Linn.; **Canarium pimela** Blanco, ed. 2, 545, non Koen. = *Canarium villosum* (Miq.) F.-Vill. (*Canariopsis villosa* Miq.; *Canarium cumingii* Engler.!) P., *Palsahinhin, Anagatli, Anagalti.* I., *Anten.*

Boswellia ? obliqua Blanco, ed. 2, 243 (err. typ., *oblicua*) = GANOPHYLLUM OBLIQUUM (Blanco) (*Ganophyllum falcatum* Blume.!) Blanco's name is the earliest one published for this species and should be retained. It is described in the first edition under the native name only, *Pandapanda.*

* **Boswellia ? integra** Blanco, ed. 2, 242. Referred by Villar to *Protium javanicum* Burm., but as no species of this genus is at present known from the Philippines Villar's identification must be considered doubtful. This species is described in the first edition under the native name *Calamansalai.* Blanco's specimens were from the mountains near San Mateo, Province of Rizal, a tree fruiting in June. T., *Polyagan.*

MELIACEÆ.

Plagianthus humilis Blanco, ed. 1, 526; ed. 2, 366 = TURRAEA HUMILIS (Blanco) (*Turraea pumila* Benn. Pl. Jav. Rar. 183. 1840.) Blanco's name is the earliest for this species and should be retained.

Melia azedarach Blanco, ed. 1, 345, non Linn.; **Melia composita** Blanco, ed. 2, 241, non Willd. = *Melia candollei* Juss.! Erroneously reduced by Villar to *Melia dubia* Cav., a species that does not extend to the Philippines. T., *Malongain.*

Turraea decandra Blanco, ed. 1, 347; **Turraea virens** Blanco, ed. 2, 243, non Linn. = DYSOXYLON DECANDRUM (Blanco) (*Dysoxylon blancoi* Vidal, Cat. Pl. Prov. Manila, 22; Sinopsis, Atlas, *t. 39. f. A.; D. salutare* F.-Vill.; *D. amooroides* Miq.) DeCandolle[1] retains Blanco's *Turraea virens* and *T. decandra* as distinct, uncertain species, but it is evident, however, that the two descriptions apply to the same species, as noted by Villar. This species is represented by Nos. 141, 2140, 2758, and 2776 Merrill, the two former numbers having been identified by Perkins[2] as *Dysoxylon amooroides* Miq. P., *Iguiu, Aguiu, Taclitan, Malabangao.* B., *Ananangtang, Mananantang, Bacugan, Mocasisi, Bingliu, Palohambobocag, Bolong tambal.* I., *Pasiloag.*

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[1] Monog. Phan. 1: 749. [2] Frag. Fl. Filip. 31. 1904.

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Trichilia pentandra Blanco, ed. 1., 355; ed. 2, 249. = CHISOCHETON PENTANDRUM (Blanco) (*C. philippinum* Harms; *C. ceramicus* F.-Vill., non Miq.) T., *Salaqui, Agapanga.*

* **Turraea octandra** Blanco, ed. 1, 349; ed. 2, 244. Reduced by Villar to *Dysoxylon schizochitode* (Turcz.) DC., which may possibly be correct, in which case Blanco's name should be retained. A tree flowering in August. T., *Himamao.*

Sandoricum ternatum Blanco, ed. 1, 346; **Sandoricum indicum** Cav., Blanco, ed. 2, 242. The last name is correct.! T., *Santol.*

* **Trichilia tripetala** Blanco, ed. 1, 354; ed. 2, 248. Reduced by Villar to *Amoora rohituka* W. et A., a species not known from the Philippines. Probably correct as to the genus although excluded from the *Meliaceæ* by DeCandolle.

Lansium domesticum Jack, Blanco, ed. 2, 228.! This species is described in the first edition under the native name *Lansones.* T., *Lansone.* V., *Bulahan, Boocan, Boboa.*

* **Portesia rimosa** Blanco, ed. 1, 297; **Trichilia rimosa** Blanco, ed. 2, 250. Reduced by Villar to *Amoora canarana* Hiern. Probably correct as to the genus, but the species does not extend to the Philippines. Blanco's specimens were from the Province of Batangas, a tree flowering in May. T., *Busilac.*

* **Trichilia ? volubilis** Blanco, ed. 2, 249. Reduced by Villar to *Aglaia grandis* Miq., a species not known from the Philippines. Excluded from the *Meliaceæ* by DeCandolle, which is probably correct. A vine flowering in January. T., *Gogong toco, Cubatili, Gogong bisaya.*

* **Argophyllum pinnatum** Blanco, ed. 1, 186; ed. 2, 131. Reduced by Villar to *Aglaia angustifolia* Miq., a species that does not extend to the Philippines, probably, however, correct as to the genus. Blanco's specimens were from Angat, Province of Bulacan, a shrub flowering in March.

Melia iloilo Blanco, ed. 2, 241 = *Aglaia argentea* Blume! Described in the first edition under the native name only. P., *Iloilo.*

Xylocarpus granatum Koenig., Blanco, ed. 1, 298; ed. 2, 207.! T., *Tabigui, Nigui, Calumpang sa lati.* P., *Migi.*

* **Cedrela odorata** Blanco, ed. 1, 184; ed. 2, 130, non Linn. Reduced by Villar to *Cedrella toona* Roxb., a species not known from the Philippines. Correct as to the genus. T., P., *Calantas.* B., *Lanigpa, Lanigda.*

* **Cedrela taratara** Blanco, ed. 2, 131. A species known only from Blanco's description, whose specimens were from Bohol. T., *Taratara.* V., *Sandana.* B., *Bolongcauit.*

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CHAILLETIACEÆ.

* **Elaeocarpus ? integrifolius** Blanco, ed. 2, 306. Reduced by Villar to *Chailletia gelonioides* Hook. f., which must be considered doubtful, as this species has not been found in the Philippines. Described in the first edition under the native name, *Bitlag*. A tree flowering in March.

* **Quilesia sericea** Blanco, ed. 1, 177; ed. 2, 125. Reduced by Villar to *Chailletia griffithii* Hook. f., a species not known from the Philippines, and which must accordingly be considered doubtful. A shrub found in Ilocos Province, flowering in January. I., *Decdec*.

* **Riana tricapsularis** Blanco, ed. 1, 850; ed. 2, 126. Reduced by Villar to *Chailletia helferiana* Kurz, a species that certainly does not extend to the Philippines. A small shrub flowering in July. Blanco's specimens were from Angat, Province of Bulacan, no native name given.

OLACACEÆ.

Fissilia psittacorum Blanco, ed. 1, 28; ed. 2, 20, non Lam. = *Olax imbricata* Roxb.! T., *Malabaguio*, I., *Tadiag*.

CELASTRACEÆ.

Diosma serrata Blanco, ed. 1, 168; ed. 2, 119 = *Celastrus paniculata* Willd.! T., *Bilogo*.

Cupania spinosa Blanco, ed. 1, 184; ed. 2, 204 = *Gymnosporia montana* Roxb.! T., *Malarayap*.

* **Hippocratea volubilis** Blanco, ed. 1, 27; ed. 2, 20. Reduced by Villar to *Hippocratea obtusifolia* Roxb., a species as yet not collected in the Philippines. Probably *Hippocratea indica* Willd. T., *Tatlong*.

Salacia sinensis Blanco, ed. 1, 26; ed. 2, 19. Reduced by Villar to *Salacia prinoides* DC., which is probably correct. T., *Matang olang*.

* **Comocladia serrata** Blanco, ed. 1, 30. Reduced by Villar to *Salacia oblonga* Wall., a species that certainly does not extend to the Philippines. Blanco does not include this species in the second edition. Blanco's specimens were from the seashore at Batangas, flowering in February, no native name given.

RHAMNACEÆ.

Enrilla dichotoma Blanco, ed. 1, 709; **Ventilago monoica** Blanco, ed. 2, 124 = VENTILAGO DICHOTOMA (Blanco) (*Ventilago luzonensis* Vidal, Rev. Pl. Vasc. Filip. 90. 1886.) Villar erroneously reduces this species to *Ventilago maderaspatana* Gaertn. T., *Salapao, Silipao*.

Rhamnus jujuba Linn., Blanco, ed. 1, 172; **Zizyphus jujuba** (Linn.) Lam., Blanco, ed. 2, 120. The last name is correct. Sp.-Fil., *Manzanitas*.

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Rhamnus zizyphus Blanco, ed. 1, 171, non Linn.; **Zizyphus lotus** Blanco, ed. 2, 121, non Lam. = *Zizyphus trinervis* Poir.! Erroneously reduced by Villar to *Zizyphus oenoplia* Mill. T., *Duclap, Talanai.* I., *Labba labba, Lanoti.*

* **Rhamnus talanai** Blanco, ed. 1, 170; **Zizyphus latifolia** Blanco, ed. 2, 121, non Poir. Reduced by Villar to *Zizyphus œnoplia* Mill., which is certainly an error. Possibly a form of *Zizyphus trinervis* Poir. Blanco's specimens were from San Mateo, Province of Rizal. T., *Talinas.*

Rhamnus zonulatus Blanco, ed. 1, 172 = **Zizyphus zonulatus** Blanco, ed. 2, 120.! (*Zizyphus arborea* Merrill, Govt. Lab. 1: 11. 1904.!) Blanco's second name is the correct one for this species, which was erroneously referred by Villar to *Zizyphus xylopyrus* Willd. T., *Balacat.*

* **Rhamnus dalanta** Blanco, ed. 1, 170 = **Zizyphus dalanta** Blanco, ed. 2, 121. Probably a distinct species. Blanco's specimens were from Bonbonon, Negros. V., *Dalanta.*

Rhamnus carolinianus Blanco, ed. 1, 169; ed. 2, 119, non Walt. = *Colubrina asiatica* L. C. Rich.! Erroneously reduced by Villar to *Rhamnus wightii* Wight et Arn., a species that certainly does not extend to the Philippines. T., *Cabatiti.*

Gouania domingensis Blanco, ed. 1, 196; ed. 2, 138, non Linn. = *Gouania leptostachya* DC.!

AMPELIDACEÆ.

Cissus quadrangularis Linn., Blanco, ed. 1, 72; ed. 2, 52.!

* **Cissus vesicatoria** Blanco, ed. 12, 50. Reduced by Villar to *Cissus* (*Vitis*) *repens* W. et A., which may possibly be correct. T., Pirapit *angin.*

Cissus latifolia Blanco, ed. 2, 52, non Lam.; **Cissus simplex** Blanco, ed. 1, 72. Reduced by Villar to *Cissus* (*Vitis*) *adnata,* which is probably correct.

Cissus acida Blanco, ed. 1, 69; ed. 2, 50, non Linn. = *Cissus carnosa* Lam.! T., *Calitcalit, Cavilan, Pacopol.* B., *Lupo, Langingi, Lagini, Raguindi,* P., *Culutpamo.*

Cissus rubescens Blanco, ed. 1, 71; **Cissus alata** ? Blanco, ed. 2, 51, non Jacq. Reduced by Villar to *Cissus geniculata* Roxb., which may be correct. T., *Sampang.* P., *Loba.*

* **Cissus pedata** Blanco, ed. 1, 71; ed. 2, 52, non Lam. Reduced by Villar to *Vitis capriolata* Don., which is probably an error, as this species does not extend to the Philippines. T., *Ayo.*

Aquilicia sambucina Blanco, ed. 1, 178, non Linn.; *Leea sambucina* Blanco, ed. 2, 126, non Blume = *Leea rubra* Blume.! T., *Caliantang, Abangabang.*

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Ticoria aculeata Blanco, ed. 1, 85; **Leea aculeata** Blume, Blanco, ed 2, 127. The latter name is correct.! P., *Malimali.*

SAPINDACEÆ.

Cardiospermum halicacabum Blanco, ed. 1, 312; ed. 2, 218 = *Cardiospermum halicacabum* Linn., var. *microcarpum* Blume.! T., *Bangcolon.*

* **Sapindus koelreuteria** Blanco, ed. 1, 289; **Koelreuteria arborea** Blanco, ed. 2, 202. Reduced by Villar to *Hemigyrosa perrottetii* Blume = *Guioa perrottetii* Radlk., which is certainly an error. Blanco gives no native name, and no locality.

Molinaea arborea Blanco, ed. 1, 292; ed. 2, 204 = *Guioa perrottetii* (Blume) Radlk.! Erroneously reduced by Villar to *Hemigyrosa canescens* Thw., a species that does not extend to the Philippines. Blanco's specimens were from Batangas, and also from Parañaque, near Manila, flowering in January. T., *Salab.*

Quassia tricarpa Blanco, ed. 1, 351; ed. 2, 246. Reduced by Villar to *Sapindus saponaria* Linn., and is certainly the form described by Radlkofer as *Sapindus saponaria* Linn., forma *microcarpus,* also probably identical with the form described by Vidal as *Sapindus turczaninowii.* T., *Tiquis tiquis, Catiquis, Sausanli,* I., *Cusiben,* P., *Malapalitpit.*

Sapindus saponaria Blanco, ed. 1, 292, non Linn.; **Sapindus guisian** Blanco, ed. 2, 201 = *Sapindus rarak* DC. (*Dittelasma rarak* Hook. f.) A tree flowering in April, no herbarium specimens known from the Philippines at the present time. T., *Guisan,* V., *Duca.*

Sapindus edulis Blume, Blanco, ed. 2, 201 = *Erioglossum rubiginosum* Blume.!

* **Schmidelia conferta** Blanco, ed. 2, 217. Reduced by Villar to *Allophylus zeylanicus* Linn., a species that does not extend to the Philippines. Blanco's specimens were from Angat, Province of Bulacan, possibly not a species of *Sapindaceæ.*

Aporetica ternata Blanco, ed. 1, 290, non Forst. **Aporetica gemella** Blanco, ed. 2, 203, non DC. = *Allophylus grossedentata* (Turcz.) Radlk.! Erroneously reduced by Villar to *Allophylus cobbe* Blume.

* **Aporetica penicellata** Blanco, ed. 1, 291; ed. 2, 203. Reduced by Villar to *Allophylus cobbe* Blume, var. *villosa,* which is certainly an error, although certainly correct as to the genus.

* **Quassia simaruba** Blanco, ed. 2, 247, non Linn. Reduced by Villar to *Cupania glabrata* Kurz., a species that does not extend to the Philippines. Blanco's specimens were from Angat, Province of Bulacan, fruiting in February.

* **Euphoria annularis** Blanco, ed. 1, 285; ed. 2, 199. Reduced by Villar to *Ratonia litoralis* Benth. et Hook. f., which is certainly an error. It may be identical with *Lepidopetalum perrottetii* Blume. A tree flowering in August. T., *Guisian, Guisihan.*

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Euphoria cubili Blanco, ed. 1, 287; ed. 2, 200 = *Cubilia blancoi* Blume.! Reduced by Villar to *Cubilia rumphii* Blume, which is a synonym of *C. blancoi.!* See Icon. Bogor. 1, part 4, 51, *tt. 92, 93.* 1901. This species is represented by No. 445 Forestry Bureau, and No. 33 Decades Philippine Forest Flora. T., *Cubili, Lubilubi.*

* **Sapindus baccatus** Blanco, ed. 1, 290; *Koelreuteria edulis* Blanco, ed. 2, 202. Blume transferred this species to *Otophora,* under the name *Otophora blancoi.* The species is known only from Blanco's description, his material being from the Provinces of Pampanga and Pangasinan, a tree flowering in December. P., *Talinouno.* I., *Dirig.*

Capura pinnata Blanco, ed. 1, 264; **Capura purpurata** Blanco, ed. 2, 184 = *Otophora fruticosa* Blume.! (*O. nigrescens* Vill.; *O. pinnata* Merrill.) Erroneously reduced by Villar to *Otophora paucijuga* Hiern, a species that does not extend to the Philippines.

* **Ornitrophe triandra** Blanco, ed. 1, 291; **Schmidelia triandra** Blanco, ed. 2, 218. Reduced by Villar to *Schleichera trijuga* Willd., which is very doubtful. Blanco gives no native name, and no locality.

* **Euphoria didyma** Blanco, ed. 1, 288; ed. 2, 201. Referred by Villar to *Nephelium glabrum* Noronh., which is possibly correct. T., *Guisian, Guisihan, Tinaingui.*

Euphoria litchi Blanco, ed. 1, 285; ed. 2, 199, non Juss. = *Euphoria cinerea* Radlk.! T., *Alpai, Lechias, Alipai, Alupai.* B., *Boboa.*

Ptelia arborea Blanco, ed. 1, 63; **Seringia lanceolata** Blanco, ed. 2, 45= *Harpullia arborea* (Blanco) Radlk.! Erroneously reduced by Villar to *Harpullia cupanioides* Roxb. T., *Poas.* I., *Oas.*

Melicocca triptera Blanco, ed. 2, 203 = *Tristira triptera* (Blanco) Radlk.!

Dodonæa angustifolia Linn. f., Blanco, ed. 1, 312; ed. 2, 217 = *Dodonæa viscosa* Linn. var. *vulgaris* Benth.! T., *Calapinai.*

ANACARDIACEÆ.

Mangifera indica Linn., Blanco, ed. 1, 179; ed. 2, 127.! T., *Manga.*

Mangifera rostrata Blanco, ed. 2, 129. Reduced by Villar to *Mangifera silvatica* Roxb., which is probably an error, as Blanco's species appears to be only a form of the common *Mangifera indica* Linn. Sp.-Fil., *Manga-pico.*

Mangifera altissima Blanco, ed. 1, 181; ed. 2, 129.! Reduced by Villar to *Mangifera longipes,* a species not as yet discovered in the Philippines. A distinct species related to *Mangifera quadrifida* Jack. See Merrill, Govt. Lab. Publ. 17: 27. 1904. T., *Pajo, Pao.*

* **Mangifera anisodora** Blanco, ed. 2, 129. Reduced by Villar to *Mangifera macrocarpa* Blume (*M. fragrans* Maingay.). This may be a distinct species, or a form of *Mangifera indica* Linn. Blanco saw no specimens, but established his species on hearsay. His information was from the pueblo of Sinait, Province of Ilocos Norte. Sp.-Fil, *Manga de anis.*

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* **Mangifera pinnata** Blanco, ed. 1, 182, non Lam. This species is not included in the second edition, and is certainly not a *Mangifera*. It may be a species of some other genus of *Anacardiaceæ*, or may be a species of the *Meliaceæ*. T., *Tagapi*.

Cassuvium reniforme Blanco, ed. 1, 322; ed. 2, 227 = *Anacardium occidentale* Linn.! T., *Casoy*. I., *Bollugo*.

Fagara decandra Blanco, ed. 1, 66; ed. 2, 48 = *Buchanania florida* Schauer. var. *arborea* Engl.! T., *Balinhasa*.

Helicteres pinnata Blanco, ed. 1, 384; **Crytocarpa quinquestila** Blanco, ed. 2, 269 = *Koordersiodendron pinnatum* (Blanco) Merrill, Forestry Bureau, Bull. 1: 33. 1903. (K. *celebicum* Engl.) T., *Amoguis*.

Semecarpus cuneiformis Blanco, ed. 1, 220; ed. 2, 155. Apparently a form or variety of *Semecarpus perrottetii* March.! T., *Ligas*.

Semecarpus anacardium Blanco, ed. 1, 217; ed. 2, 152, non Linn. f. = *Semecarpus perrottetii* March.! Erroneously reduced by Villar to *Semecarpus pubescens* Thw. T., *Ligas*. I., *Camiring*. V., *Langas*.

Spondias dulcis Blanco, ed. 1, 390; ed. 2, 273, non Forst. = *Spondias lutea* Linn.! Erroneously reduced by Villar to *Spondias purpurea* Linn. Sp.-Fil., *Sirihuelas*.

Poupartia pinnata Blanco, ed. 1, 392; ed. 2, 275 = *Spondias mangifera* Willd.! T., B., *Dao*.

Paliurus edulis Blanco, ed. 1, 173; **Paliurus lamio,** Blanco, ed. 2, 122 = *Dracontomelum cumingianum* Baill.! Although Blanco's name is the earlier, Baillon's should be retained, as Blanco in establishing the species describes the flowers (and leaves?) of some species of *Canarium*, while the rest of his description applies to *Dracontomelum*. Blanco undoubtedly intended to describe the species known to-day as *Dracontomelum cumingianum*, as that species is universally known by the Tagalogs by the name of *Lamio*. T., *Lamio, Malaiyo*. V., *Batoan*.

Paliurus dao Blanco, ed. 1, 174; ed. 2, 122 = *Dracontemelum mangiferum* Blume.! T., *Dao*.

MORINGACEÆ.

Moringa oleifera Lam., Blanco, ed. 1, 341; ed. 2, 238.! T., *Malungay, Camalungai, Calungai*. V., P., *Malungai, Calungai, Dool, Malungit*.

CONNARACEÆ.

Cnestis volubilis Blanco, ed. 1, 385; **Cnestis trifolia** Blanco, ed. 2, 270, non Lam. = ROUREA VOLUBILIS (Blanco) (*Rourea heterophylla* Planch.) Blanco's name is the earlier, and should be retained. T., *Camagsa taquilis, Palo Santo, Guicos guicos*. V., P., *Hanambabao, Ungalina mapula, Magtabig, Mavindato*.

Cnestis diffusa Blanco, ed. 1; **Cnestis polyphylla** Blanco, ed. 2, 270 = *Cnestis ramiflora* Griff.! Erroneously reduced by Villar to *Rourea rugosa* Planch. T., *Ibaiban*.

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* **Cnestis erecta** Blanco, ed. 1, 387; **Omphalobium pictum** Blanco, ed. 2, 271. Reduced by Villar to *Connarus monocarpus* Linn., a species which certainly does not extend to the Philippines. Possibly a distinct species. A small shrub, flowering in October, no native name given.

* **Cnestis corniculata** Blanco, ed. 1, 386; ed. 2, 270, non Lam. Reduced by Villar to *Connarus ferrugineus* Jack., which is certainly an error. Blanco's specimens were from the pueblo of Tagudin, Province of Ilocos Sur. I., *Sal-laday*.

Cnestis glabra Blanco, ed. 1, 387; ed. 2, 271, non Lam. Reduced by Villar to *Connarus paniculatus* Roxb., a species that certainly does not extend to the Philippines. Certainly a synonym of *Rourea multiflora* Planch.! No locality or native name given.

LEGUMINOSÆ.

Crotalaria linifolia Linn. f., Blanco, ed. 1, 570; **Quirosia secunda** Blanco, ed. 2, 398. The former name is correct.

Crotalaria pallida Blanco, ed. 1, 570, non Ait.; **Crotalaria pumila** Blanco, ed. 2, 397, non Schrank = *Crotalaria sessiliflora* Linn.!

Phaseolus bulai Blanco, ed. 1, 572; **Quirosia anceps** Blanco, ed. 2, 398 = *Crotalaria verrucosa* Linn.! T., *Bulai lava*.

Crotalaria quinquefolia Linn., Blanco, ed. 1, 569; ed. 2, 397.! T., *Catanda, Susoi, Susosusoyan, Balatong aso*.

* **Liparia badocana** Blanco, ed. 1, 597; **Psoralea badocana** Blanco, ed. 2, 416. Retained by Villar as a distinct species under the second name, which may be correct, citing *Meladenia densiflora* Turcz., as a synonym. Blanco's specimens were from the pueblo of Badoc, Ilocos Province. No native name given.

Amorpha glandulosa Blanco, ed. 1, 555; **Dalea alopecuroides** Blanco, ed. 2, 389, non Willd. = DALEA GLANDULOSA (Blanco) (*Dalea nigra* Mart. et Gal.). Although this plant is a native of America, yet the earliest description is that of Blanco, and his name should be retained. T., *Durang parang, Camangi*.

Indigofera angustifolia Blanco, ed. 1, 596; ed. 2, 415, non Linn. = *Indigofera hirsuta* Linn.! I., *Tayomtayom*.

Indigofera argentea Blanco, ed. 2, 415, non Linn. = *Indigofera tinctoria* Linn.!

Indigofera tinctoria Blanco ed. 1, 591; ed. 2, 413, non Linn. = *Indigofera anil* Linn.! T., *Tayom*. P., *Tayung*. V., *Tagung*.

Indigofera hirsuta Blanco, ed. 1, 591; non Linn.; **Indigofera senegalensis** Blanco, ed. 2, 412, non Lam. = *Tephrosia purpurea* Pers.! T., *Tayomtayoman*. V., *Dagangdang*. P., *Maasic*.

Cylista piscatoria Blanco, ed. 1, 589; **Galactia ? terminiflora** Blanco, ed. 2, 411 = MILLETTIA PISCATORIA (Blanco). Erroneously reduced by Villar to *Milletia splendens* W. et A., a species that certainly does not extend to the Philippines. T., *Tubli*.

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Galedupa pungam Blanco, ed. 1, 558; ed. 2, 390, non Gmel. = *Gliricidia sepium* (Jacq.) Steud.! (*G. maculata* H. B. K.) Sp.-Fil., *Madre cacao.*

Coronilla emerus Blanco, ed. 1, 582, non Linn.; **Sesbania cannabina** Blanco, ed. 2, 418. Reduced by Villar to *Sesbania aculeata*, var. *paludosa* Baker, which is probably correct. T., *Malacaguois.*

Sesbania grandiflora Pers., Blanco, ed. 1, 599; ed. 2, 418.! T., *Caturai.*

Lupinus angustifolius Blanco, ed. 1, 566, non Linn.; **Smithia bigeminata** Blanco, ed. 2, 395. Reduced by Villar to *Zornia diphylla* Pers., which is probably correct.

Arachia hypogaea Linn., Blanco, ed. 1, 567; ed. 2, 396.! T., *Mani.*

Hedysarum vespertilionis Linn., Blanco, ed. 1, 581; ed. 2, 407 = *Lourea vespertilionis* (Linn.) Desv.

Tetragonolobus simplicifolius Blanco, ed. 397. This species was reduced by Villar to *Alyscicarpus tetragonolobus* Edgw., a species that certainly does not extend to the Philippines. It is undoubtedly identical with *Alyscicarpus bupleurifolius* DC. Blanco's specimens were from Parañaque, near Manila.

Aeschynomene arborea Blanco, ed. 1, 581; ed. 2, 406 = *Desmodium umbellatum* (Linn.) DC.!

Cytisus quinquepetalus Blanco, ed. 1, 598; **Cajanus quinquepetalus** Blanco, ed. 2, 417. Reduced by Villar to *Desmodium cephalotes* Wall., which is probably correct.

Hedysarum pulchellum Linn., Blanco, ed. 1, 581; **Dicerma pulchellum** DC., Blanco, ed. 2, 407 = *Desmodium pulchellum* (Linn.) Benth.! T., *Payangpayang.* V., *Calaicai.*

Hippocrepis rhomboidea Blanco, ed. 1, 585; **Desmodium spirale** DC., Blanco, ed. 2, 408. The latter name is correct.

Hippocrepis comosa Blanco, ed. 1, 584, non Linn.; **Desmodium diversifolium** Blanco, ed. 2, 408, non DC. = *Desmodium gangeticum* DC.! T., *Manquit.*

Hippocrepis multisiliquosa Blanco, ed. 1, 584, non Linn.; **Desmodium gangeticum** Blanco, ed. 2, 408, non DC. = *Desmodium latifolium* DC.! T., *Manquit.*

Hippocrepis humilis Blanco, ed. 1, 585; **Desmodium parvifolium** Blanco, ed. 2, 408, non DC. = *Desmodium triflorum* DC.! T., *Pacpac langao.*

Abrus precatorius Linn., Blanco, ed. 1, 565; ed. 2, 394.! T., *Saga, Sagamamin, Bangati.* B., *Bangati, Gicos gicos, Agaiyangyiang, Mangadolong, Caloo, Matangpune, Aroyangyang.* P., *Cansasaga.* I., *Bugayon.*

Negretia urens Blanco, ed. 1, 586; ed. 2, 409 = *Mucuna imbricata* DC.! (No. 3783 Merrill.) Erroneously reduced by Villar to *Mucuna monosperma* DC., a species that certainly does not extend to the Philippines. A vine, flowering in November. T., *Buquiquit, Lipai.*

Negretia pruriens Blanco, ed. 2, 411. Reduced by Villar to *Mucuna atropurpurea* DC., which may be correct. V., *Nipai, Lipai.*

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Negretia mitis Blanco, ed. 1, 588; ed. 2, 410, non Beauv. Reduced by Villar to *Mucuna nivea* DC., but probably only a form of *Mucuna pruriens* DC. T., *Garbanzos, Habas.*

Erythrina carnea Blanco, ed. 1, 564; ed. 2, 393, non Ait. = *Erythrina indica* Lam.! T., B., P., *Dapdap.* T., *Casindac,* B., *Cabrab.* P., *Sulbang.*

Erythrina picta Blanco, ed. 1, 565, non Linn.; **Erythrina caffra** Blanco, ed. 2, 394, non Thunb. = *Erythrina ovalifolia* Roxb.! T., *Anii.*

Dolichos ensiformis Linn., Blanco, ed. 1, 577; **Canavalia gladiata** Blanco, ed. 2, 403 = *Canavalia ensiformis* (Linn.) DC.! T., *Habas.* V., *Magtambocao.*

Dolichos acinaciformis Blanco, ed. 1, 578, non Jacq.; **Canavalia ensiformis** Blanco, ed. 2, 404, non DC. = *Canavalia obtusifolia* Cav.! T., *Pataning dagat.*

Dioscorea bolojonica Blanco, ed. 1, 800; ed. 2, 551; **Pachyrhizus teres** Blanco, ed. 1, 580; **Pachyrhizus montanus** Blanco, ed. 2, 406 = *Pueraria phaseoloides* (Roxb.) Benth.! Villar probably correctly reduces *Dioscorea bolojonica* Blanco to *Pueraria,* Blanco having described that species from leaf specimens only. The native name given by Blanco for his *Dioscorea* is *Bahai.,* for *Pachyrhizus, Sincamas aso.*

Phaseolus inamoenus Blanco, ed. 1, 571; ed. 2, 399, non ? Linn. = *Phaseolus vulgaris* Linn.! This is reduced by Villar to a variety of *Phaseolus lunatus* Linn. T., *Patani.*

* **Phaseolus ilocanus** Blanco, ed. 1, 572; **Phaseolus tunkinensis** Blanco, ed. 2, 399, non ? Lour. Reduced by Villar to a variety of *Phaseolus lunatus* Linn., probably only a cultivated form of this species. Sp.-Fil., *Frijoles del Abra.*

* **Phaseolus vexillatus** Blanco, ed. 1, 574, non Linn.; **Phaseolus vulgaris** Blanco, ed. 2, 401, non Linn. Reduced by Villar to a variety of *Phaseolus lunatus* Linn., which may be correct. Much cultivated in the Province of Batangas. T., *Buttingi, Biringi.*

* **Phaseolus caracalla** Linn., Blanco, ed. 1, 575; ed. 2, 401. Retained under this name by Villar; doubtful. T., *Sitao.*

Phaseolus mungo Linn., Blanco, ed. 1, 573; ed. 2, 400.! T., *Balatong, Mongos.*

* **Dolichos trilobus** Blanco, ed. 2, 403, non Linn. Reduced by Villar to *Phaseolus calcaratus* Roxb., which may be correct. Blanco's specimens were from Guadalupe, near Manila, flowering in January.

Phaseolus lunatus Linn., Blanco, ed. 1, 573; ed. 2, 400.! T., *Zabache.*

* **Dolichos repens** Blanco, ed. 1, 577; ed. 2, 402, non Linn. Reduced by Villar to *Vigna repens* Baker, which is certainly an error, as the latter species does not extend to the Philippines. Blanco's specimens were from Batangas, flowering in August. No native name given.

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Dolichos sesquipedalis Blanco, ed. 2, 402, non Linn.; **Dolichos echinulatus** Blanco, ed. 2, 401 = *Vigna catjang* Endl.! T., *Quibal, Sitao.*

Pachyrhizus jicamas Blanco, ed. 1, 579; **Pachyrhizus angulatus** Rich., Blanco, ed. 2, 405. The latter name is correct. T., *Sincamas, Hicamas.*

Clitorea ternatea Linn., Blanco, ed. 1, 590; ed. 2, 412.! T., *Colocanting.*

Glycine lucida Blanco, ed. 1, 578, non Forst.; **Lablab cultratus** DC., Blanco, ed. 2, 405 = *Dolichos lablab* Linn.! T., *Bulai, Batao.*

Dolichos tetragonolobus Linn., Blanco, ed. 1, 576; ed. 2, 402 = *Psophocarpus tetragonolobus* (Linn.) DC.! T., *Calamismis.* I., *Pal-lam.*

Cytisus volubilis Blanco, ed. 1, 599; **Cajanus volubilis** Blanco, ed. 2, 417. Reduced by Villar to *Atylosia mollis* Benth., which is probably correct.

Cytisus cajan Linn., Blanco, ed. 1, 597; **Cajanus bicolor** DC., Blanco, ed. 2, 416 = *Cajanus indicus* Spreng.! T., *Caguois.*

* **Amerimnum mimosella** Blanco, ed. 1, 563; ed. 2, 393. Reduced by Villar to *Dalbergia lanceolaria* Linn., a species that certainly does not extend to the Philippines. Prain[1] retains this as an imperfectly known species, *Dalbergia mimosella* (Blanco) Prain. Blanco's specimens were from Tala, Province of Rizal or Bulacan, flowering in June. T., *Macapil.*

Pterocarpus pallidus Blanco, ed. 1, 560; ed. 2, 391 = *Pterocarpus indicus* Willd.! T., *Asana.* C., V., *Naga.* P., *Daitanag.*

Pterocarpus santalinus Blanco, ed. 1, 561; ed. 2, 392, non Linn. = *Pterocarpus blancoi* Merrill, Govt. Lab. Publ. **6**:7. 1904. *Pterocarpus santalinus* Linn., does not extend to the Philippines. T., *Narra, Naga.* P., *Apalit, Daitanag.* V., *Sanque?.*

Galedupa maculata Blanco, ed. 1, 559; ed. 2, 390 = *Pongamia glabra* Vent.! T., *Balicbalic.*

Galedupa frutescens Blanco, ed. 1, 559; ed. 2, 391. Reduced by Villar to *Derris scandens* Benth., which is probably correct. T., *Malasaga.*

Pterocarpus frutescens Blanco, ed. 1, 562; ed. 2, 392. Reduced by Villar to *Derris uliginosa* Benth., which is probably correct. T., *Silasila.*

* **Pterocarpus diadelphus** Blanco, ed. 1, 563; ed. 2, 393. Reduced by Villar to *Derris thyrsiflora* Benth., a species not known from the Philippines. Flowering in June. T., *Silasila.*

Sophora tomentosa Linn., Blanco, ed. 1, 328; ed. 2, 229.! T., B., *Tambalisa, Cabaicabai, Yabag, Mantala,* etc.

Sophora heptaphylla Blanco, ed. 1, 329; ed. 2, 229, non DC. Villar considers that Blanco describes DeCandolle's species, but *Sophora heptaphylla* certainly does not extend to the Philippines. It is apparently but a form of the preceding. T., *Tambalisa, Cabaicabai.*

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[1] Ann. Bot. Gard., Calcutta, **10**: 42. 1904.

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Ormosia calavensis Blanco, ed. 2, 230.!

Guilandina bonducella Linn., Blanco, ed. 1, 343; ed. 2, 239 = *Caesalpinia bonducella* (Linn.) Fleming.! T., *Bayag cambing, Calambibit.* V., *Dalugdug.*

Guilandina nuga Linn., Blanco, ed. 1, 344; ed. 2, 240 = *Caesalpinia nuga* (Linn.) Ait.! T., *Camit cabag.*

Caesalpinia sappan Linn., Blanco, ed. 1, 335; ed. 2, 234.! T., *Sapang, Sibucao.*

Poinciana pulcherrima Linn., Blanco, ed. 1, 333; ed. 2, 232 = *Caesalpinia pulcherrima* (Linn.) Swartz.! Sp.-Fil., *Flores, Rosas, Caballero.*

Caesalpinia torquata Blanco, ed. 1, 336; **Mezoneurum procumbens** Blanco, ed. 2, 235 = *Mezoneurum glabrum* Desf.! T., *Sagnit, Sapnit, Capitcabag.* P., *Sapnit.* V., *Tugabang, Ugabang.*

Caesalpinia ignota Blanco, ed. 1, 336; ed. 2, 235 = *Mezoneurum pubescens* Desf.!

Mimosa membranulacea Blanco, ed. 1, 739; **Reichardia pentapetala** Blanco, ed. 2, 233 = *Pterolobium indicum* A. Rich.! I., *Palo santo.*

Cassia fistula Linn., Blanco, ed. 1, 339; ed. 2, 237.! Blanco includes in this species *Cassia javanica* Linn. T., P., *Canafistula.* V., *Lombayong, Ibabao, Balayong.*

Cassia occidentalis Linn., Blanco, ed. 1, 338; ed. 2, 236.! T., *Tighiman.*

Cassia tora Linn., Blanco, ed. 1, 337; ed. 2, 235.! T., *Manimanihan, Mongomongohan, Catandang aso.*

Cassia longisiliqua Blanco, ed. 1, 338, non Linn.; **Cassia sulcata** Blanco, ed. 2, 236, non DC. = *Cassia hirsuta* Linn.! T., *Tighiman.*

Cassia alata Linn., Blanco, ed. 1, 339; ed. 2, 237.! T., *Sonting, Acapulco, Gamot sa buni, Catanda.* V., *Sunting, Casitas.* P., *Pacayomcom Castila.*

Cassia mimosoides Linn., Blanco, ed. 1, 340; ed. 2, 237.!

Schotia speciosa Blanco, ed. 1, 356; ed. 2, 251, non Linn. Reduced by Villar to *Cynometra ramiflora* Linn., var. *mimosoides* Baker, which is probably an error. Doubtless the same as *Cynometra inequalifolia* A. Gray. T., *Balitbitan.*

Crudia spicata Blanco, ed. 2, 261, non Willd. = *Crudia blancoi* Rolfe.! T., *Malatumbaga, Hintotoor.*

Tamarindus indica Linn., Blanco, ed. 1, 29; ed. 2, 20.! T., P., C., V., *Sampaloc, Maca sampaloc.* V., *Sambac, Sumalagui, Camalagui, Sampalagui.* I., *Salomagui.*

Eperua decandra Blanco, ed. 1, 368; ed. 2, 259 = *Intsia bijuga* O. Kuntze.! (*Afzelia bijuga* A. Gray.) T., *Ipil, Taal.*

Eperua falcata Blanco, ed. 1, 369, non Aubl.; **Eperua rhomboidea** Blanco, ed. 2, 260 = *Pahudia rhomboidea* (Blanco) Prain. (*Afzelia rhomboidea* Vidal.) T., *Tindalo, Balayon.*

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Bauhinia tomentosa Blanco, ed. 1, 330; ed. 2, 230, non Linn. Reduced by Villar to *Bauhinia malabarica* Roxb., which is probably correct. T., *Alibanban.* B., *Livas, Alibanban, Balibanban, Marulinao, Diis, Ahihiro, Alambihor, Alibihil.* P., *Alibanban.*

Bauhinia binata Blanco, ed. 1, 331; ed. 2, 231. Reduced by Villar to *Bauhinia blancoi* Baker, but if this is correct Blanco's name is the earlier. T., *Alibanban.*

Bauhinia scandens Blanco, ed. 1, 332; ed. 2, 232, non Linn. = *Bauhinia cumingiana* Benth.! Erroneously referred by Villar to *Bauhinia vahlii* W. et A., a species that does not extend to the Philippines. T., *Banot.*

* **Bauhinia castrata** Blanco, ed. 1, 331; **Bauhinia purpurea** Blanco, ed. 2, 231, non Linn. Considered by Villar to be identical with *Bauhinia purpurea* Linn., but this is certainly an error. Blanco's specimens were from Pasig, flowering in October. Very near *Bauhinia malabarica* Roxb. T., *Alibanban.*

* **Bauhinia grandiflora** Blanco, ed. 1, 332; ed. 2, 231, non Juss. Reduced by Villar to *Bauhinia variegata* Linn., a species not known from the Philippines. Blanco's specimens were from Tayabas, a tree flowering in August. T., *Bongalon.*

Mimosa acle Blanco, ed. 1, 738; ed. 2, 509 = *Pithecolobium acle* (Blanco) Vidal.! Erroneously reduced by Villar to *Xylia dolabriformis* Benth. T., *Acle.*

Adenanthera gogo Blanco, ed. 1, 353; **Entada pursaetha** DC., Blanco, ed. 2, 247 = *Entada scandens* (Linn.) Benth.! T., *Gogo, Bayogo.* B., P., *Balogo, Gogong bacay.*

Mimosa virgata Blanco, ed. 1, 737; **Mimosa punctata** Blanco, ed. 2, 508 = *Adenanthera pavonina* Linn.! T., *Quinasaicasai.*

Mimosa peregrina Blanco, ed. 1, 737; ed. 2, 509, non Linn. = *Parkia roxburghii* G. Don.! T., *Copang.*

Mimosa asperata Blanco, ed. 1, 732; ed. 2, 505, non Willd. = *Mimosa pudica* Linn.! T., *Macahiya.*

* **Mimosa quadrivalvis** Blanco, ed. 1, 732; ed. 2, 506. Considered by Villar to be the same as *Schranckia aculeata* Willd., an American species, and one not definitely known from the Philippines. Blanco's specimens were from Bauang, Province of Batangas, flowering in September. T., *Sapinit.*

Mimosa farnesiana Linn., Blanco, ed. 1, 729; ed. 2, 504 = *Acacia farnesiana* (Linn.) Willd.! T., *Aroma.*

Mimosa tenuifolia Blanco, ed. 1, 739; ed. 2, 510, non Linn. = *Acacia concinna* DC.! T., *Sibog.*

Mimosa lebbek Blanco, ed. 1, 733; ed. 2, 506, non Linn. Reduced by Villar to *Albizzia retusa* Benth., which is probably correct. T., *Langil.*

Mimosa coriaria Blanco, ed. 1, 734; ed. 2, 506 = *Albizzia procera* Benth.! T., *Ayangao, Dariangao, Ananaplas.* P., *Anitap.* I., *Adaan.*

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Mimosa carisquis Blanco, ed. 1, 731; ed. 2, 507. Reduced by Villar to *Albizzia julibrissin* Durazz., which is probably correct. T., *Carisquis.*

Mimosa unguis-cati Blanco, ed. 1, 731, non Linn.; **Inga lanceolata** Blanco, ed. 2, 370, non HBK. = *Pithecolobium dulce* Benth.! T., *Camochiles, Camonsiles.*

Mimosa scutifera Blanco, ed. 1, 735; ed. 2, 507. Reduced by Villar to *Pithecolobium lobatum* Benth., which is probably correct, although held by Bentham to be a distinct species, *Pithecolobium scutiferum.* T., *Anagap.*

ROSACEÆ.

* **Prunus armeniaca** Blanco, ed. 2, 290, non Linn. Reduced by Villar to *Prunus triflora* Roxb., which is evidently an error. Blanco's specimens were from cultivated plants in Manila and in the Province of Cagayan. Sp.-Fil., *Albaricoques.*

Rubus moluccanus Linn., Blanco, ed. 1, 428; ed. 2, 298. Considered by Villar to have been correctly identified by Blanco. T., *Dagamit.*

Rubus jamaicensis Blanco, ed. 1, 427, non Linn.; **Rubus comintanus** Blanco, ed. 2, 298. Reduced by Villar to *Rubus rosæfolius* Smith, which is probably correct. T., *Sapinit, Sagmit.*

SAXAFRAGACEÆ.

* **Malesherbia globosa** Blanco, ed. 2, 454. Reduced by Villar to *Hydrangea oblongifolia* Blume, which is probably an error, possibly the same as *Hydrangea lobbii* Maxim. Blanco's specimens were from Bolhoon, Cebu. V., *Mampol.*

CRASSULACEÆ.

Cotyledon paniculata Blanco, ed. 1, 381, non Linn. f.; **Bryophyllum germinans** Blanco, ed. 2, 220 = *Bryophyllum calycinum* Salisb.! T., *Angelico, Catacataca.*

Cotyledon serrata Blanco, ed. 1, 382, non Linn.; **Bryophyllum serratum** Blanco, ed. 2, 220 = *Kalanchœ laciniata* DC.!

Cotyledon lanceolata Blanco, ed. 1, 382, non Forsk; **Bryophyllum triangulare** Blanco, ed. 2, 221 = *Kalanchœ spathulata* DC.!

DROSERACEÆ.

Drosera hexagynia Blanco, ed. 1, 226; ed. 2, 159 = *Drosera indica* Linn.! T., *Hintipalo.*

RHIZOPHORACEÆ.

Rhizophora mangle Blanco, ed. 1, 397; ed. 2, 278, non Linn. = *Rhizophora mucronata* Lam.! T., *Bacao, Bacauan.*

Rhizophora longissima Blanco, ed. 1, 398; ed. 2, 278 = *Rhizophora conjugata* Linn.! T., *Tangal.* V., *Tonȳog.*

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Rhizophora candel Blanco, ed. 1, 396; ed. 2, 277, non Linn. = *Ceriops candolleana* Arn.! T., *Ligasin, Tigasan.* V., *Pototan.*

Rhizophora tinctoria Blanco, ed. 1, 394; **Rhizophora gymnorrhiza** Linn., Blanco, ed. 2, 276 = *Bruguiera gymnorrhiza* Lam.! T., *Bacao, Bacauan.* I., *Oongon.*

Rhizophora polyandra Blanco, ed. 1, 396; ed. 2, 277 = *Bruguiera eriopetala* W. et A.! T., *Bacao, Bacauan.*

Rhizophora plicata Blanco, ed. 1, 398; ed. 2, 279. Reduced by Villar to *Bruguiera malabarica* Arn., a species not known from the Philippines, probably only a form of *Bruguiera eriopetala* W. et A. T., *Bacao, Bacauan.*

Bruguiera nemorosa Blanco, ed. 2, 275. Reduced by Villar to *Carallia integerrima* DC., which is probably correct.

COMBRETACEÆ.

Terminalia latifolia Blanco, ed. 1, 376, non Swartz; **Terminalia mauritiana** Blanco, ed. 2, 264, non Lam. = *Terminalia catappa* Linn.! T., P., *Talisai.* P., *Banilac, Nato, Hitam, Dalasa, Calisai.* I., *Lugo, Pandan.*

Terminalia angustifolia Blanco, ed. 1, 377, non Jacq.; **Terminalia edulis** Blanco, ed. 2, 265. Erroneously reduced by Villar to *Terminalia belerica* Roxb., a species that does not extend to the Philippines. A very characteristic species, the second name being the correct one. T., *Calumpit.*

* **Bucida comintana** Blanco, ed. 1, 856; ed. 2, 265. Erroneously reduced by Villar to *Terminalia chebula* Retz., a species not known from the Philippines. Certainly not a species of *Terminalia*, but judging from Blanco's description, a species of *Calycopteris.* Blanco's specimens were from the town of San José, Province of Batangas, a tree flowering in May. T., *Comintan, Dinglas.?*

Gimbernatia calamansanay Blanco, ed. 2, 266 = *Terminalia calamansanay* (Blanco) Rolfe.! Erroneously referred by Villar to *Terminalia bialata* Kurz, a species that does not extend to the Philippines. T., *Calamansanai.*

Petaloma coccinea Blanco, ed. 1, 345; ed. 2, 240 = *Lumitzera purpurea* Presl.! (*Lumnitzera coccinea* W. et A.) T., *Culasi.*

Petaloma alba Blanco, ed. 1, 344; ed. 2, 240 = *Lumnitzera racemosa* Willd.! T., *Culasi.*

Combretum distillatorium Blanco, ed. 1, 295; **Combretum laxum** Blanco, ed. 2, 206, non Roxb. = *Combretum squamosum* Roxb.! Erroneously reduced by Villar to *Combretum ovalifolium* Roxb., a species that certainly does not extend to the Philippines. I., *Malacadog.* T., *Pamulaclaquin.*

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* **Gnidia oppositifolia** Blanco, ed. 1, 299; ed. 2, 208. Reduced by Villar to *Combretum wallichii* DC., which is certainly an error, as that species does not extend to the Philippines. Possibly a species of *Combretaceæ*. Blanco's specimens were from Angat, Province of Bulacan, a small tree, flowering in December.

Quisqualis indica Linn., Blanco, ed. 1, 361; **Quisqualis spinosa** Blanco, ed. 2, 254. This species is reduced by Villar to *Quisqualis malabarica* Bedd., which is certainly an error. Blanco's species is certainly identical with *Quisqualis indica* Linn.! T., *Niogniogan, Tagarao.* V., *Tangolon.* P., *Bebevabe.* I., *Tartarao.*

Gronovia ternata Blanco, ed. 1, 187; ed. 2, 132 = *Illigera luzonensis* (Presl.) Merrill, Govt. Lab. Publ. 17: 18. 1904. (*Illigera meyeniana* Kunth.)

Halesia ternata Blanco, ed. 1, 399; ed. 2, 279. Reduced by Villar to *Illigera dubia* Span., which is certainly an error. Certainly identical with the preceding.!

Gyrocarpus lobatus Blanco, ed. 2, 54 = *Gyrocarpus jacquini* Roxb.! This species is described by Blanco, in the first edition under the native name only, *Lapolapo.*

MYRTACEÆ.

* **Metrosideros pictapetala** Blanco, ed. 2, 295. Reduced by Villar to *Metrosideros vera* Rumph., which is evidently an error. Blanco's specimens were from Cebu, a tree flowering in September. V., *Barit.*

Psidium aromaticum Blanco, ed. 1, 417, non Aubl.; **Psidium pyriferum** Blanco, ed. 2, 292, non Linn. = *Psidium guayava* Linn. var.! T., *Bayabas, Guyabas, Calimbahin.*

Myrtus communis Blanco, ed. 1, 422; ed. 2, 295, non Linn. = *Decaspermum blancoi* Vidal.! Erroneously referred by Villar to *Decaspermum rubrum* Blume. T., *Malatumbaga.*

Eugenia jambos Blanco, ed. 1, 416; ed. 2, 290, non Linn. = *Jambosa malaccensis* (Linn.) DC.! T., *Macupa, Yambo.*

Eugenia malaccensis Blanco, ed. 1, 415; ed. 2, 290, non Linn. = *Jambosa vulgaris* DC.! T., *Tampoi, Calobcob.* V., *Yampoi.* P., *Balobar.*

* **Eugenia montana** Blanco, ed. 1, 418; ed. 2, 291, non DC. Reduced by Villar to *Eugenia macrocarpa* Roxb., a species not known from the Philippines. Certainly a species of *Jambosa.* Blanco's specimens were in part from Balanga, Province of Bataan, flowering in August. T., *Copcop, Malaracopcop.*

Myrtus mananquil Blanco, ed. 1, 421; **Eugenia mananquil** Blanco, ed. 2, 290. Reduced by Villar to *Eugenia javanica* Lam., probably the same as *Jambosa aequa* (Roxb.) DC. A tree flowering in April. T., *Mananquil.*

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* **Eugenia bauanguica** Blanco, ed. 1, 418; ed. 2, 290. Reduced by Villar to *Eugenia laeta* Ham., which is certainly an error. Related to if not identical with *Jambosa malaccensis* (Linn.) DC. Blanco's specimens were from Bauang, Province of Batangas, a shrub flowering in March.

* **Myrtus tripinnata** Blanco, ed. 1, 421; **Myrtus subrubens** Blanco, ed. 2, 294. Reduced by Villar to *Eugenia cymosa* Lam., a species not known from the Philippines. Certainly a species of *Jambosa*. A tree flowering in February. T., *Malaruhat na pula.*

* **Calyptranthes makal** Blanco, ed. 1, 419, non Rauesch.; **Calyptranthes zuzygium** Blanco, ed. 2, 293, non Swartz. Reduced by Villar to *Eugenia operculata* Roxb., which is certainly an error. A species of *Syzygium.?* A tree flowering in January. T., *Malaruhat.*

Calyptranthes jambolana Willd., Blanco, ed. 1, 418; **Syzygium jambolana** DC., Blanco, ed. 2, 293. The last name is correct. T., P., *Lumboi, Duhat, Duat.*

* **Calyptranthes ramiflora** Blanco, ed. 1, 420; **Syzygium latifolium** Blanco, ed. 2, 249, non DC. This species is reduced by Villar to *Eugenia bracteata* Roxb., a species that certainly does not extend to the Philippines. Blanco's specimens were from San Jose, Province of Batangas, a tree flowering in February. T., *Dinglas.*

* **Eugenia glandulosa** Blanco, ed. 1, 417; ed. 2, 291. A shrub flowering in July. Blanco's specimens were from Malinta, near Manila. Villar makes no attempt to reduce this species.

* **Eugenia lobas** Blanco, ed. 1, 857; **Eugenia cauliflora** Blanco, ed. 2, 291. A species quite unknown. Blanco's specimens were from trees cultivated in Manila, the fruit very acid. T., *Lobas.*

Barringtonia speciosa Forst., Blanco, ed. 1, 533; ed. 2, 373.! T., *Botong, Botongbotong.* V., *Bitoon, Bitung, Botong.*

Barringtonia stradivium Blanco, ed. 1, 533; **Barringtonia racemosa** Blume, Blanco, ed. 2, 373. The latter name is correct. T., *Potat.*

* **Sulipa globosa** Blanco, ed. 2, 348. Reduced by Villar to *Planchonia littoralis* Blume, which may be correct. Blanco's specimens were from Maragondon, Province of Cavite, the ripe fruits used for poisoning fish.

MELASTOMATACEÆ.

Osbeckia multiflora Blanco, ed. 1, 293, non Smith; **Osbeckia sinensis** Blanco, ed. 2, 205 = *Osbeckia chinensis* Linn.!

* **Melastoma aspera** Blanco, ed. 1, 368; **Melastoma obvoluta** Blanco, ed. 2, 259. Reduced by Villar to *Melastoma malabathricum* Linn., but this is probably an error, as the latter species is not known from the Philippines. Blanco's specimens were from Angat. Probably the same as *Melastoma obvolutum* Jack.

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Melastoma tamonea Blanco, ed. 1, 367, non Sw.; **Melastoma dodecandra** Blanco, ed. 2, 258 = *Melastoma polyantha* Blume.! Reduced by Villar to *Melastoma imbricatum* Wall., a species that does not extend to the Philippines. Blanco's specimens were from Panay, a shrub flowering in March.

Melastoma malabathrica Blanco, ed. 1, 367; ed. 2, 258, non Linn. = *Melastoma molle* Wall.! V., *Buyong.*

Memecylon parviflorum Blanco, ed. 1, 300; **Memecylon tinctorium** Blanco, ed. 2, 208 = *Memecylon edule* Roxb.! Villar reduces Blanco's species to the variety *ovata* Clarke. T., *Colis.* I., *Candon.* V., *Saguinsin.*

Memecylon lanceolatum Blanco, ed. 1, 301; ed. 2, 209. Reduced by Villar to *Memecylon cumingianum* Presl., but it is probably only a form or variety of the preceding. T., *Colis.* I., *Candong.*

LYTHRACEÆ.

Ammania monoflora Blanco, ed. 1, 64; **Ammania ramosior** Blanco, ed. 2, 46, non ? Linn. This species is reduced by Villar to *Ammania peploides* Spreng. (*Rotalia indica* (Willd.) Koehne), which is apparently correct, although Koehne considers Blanco's species to be identical with *Rotalia ramosior* (Linn.) Koehne, an American species. Blanco states that the plant is very common, flowering in October, but so far as known no collector has secured specimens of *Rotalia indica* (Linn.) Koehne, in the Philippines.

Celosia nana Blanco, ed. 1, 192; **Ammania debilis** Blanco, ed. 2, 46, non Ait. = *Ammania baccifera* Linn.! T., *Bias pogo.*

Pemphis setosa Blanco, ed. 1, 410; ed. 2, 285 = *Pemphis acidula* Forst.!

Lawsonia inermis Linn., Blanco, ed. 1, 294; ed. 2, 206.! Sp.-Fil., *Cinamomo.*

Quilamum luteum Blanco, ed. 1, 851; ed. 2, 136 = *Crypteronia paniculata* Blume.! Erroneously reduced by Villar to *Crypteronia pubescens* Blume, var. *hookeri* Clarke, a species that does not extend to the Philippines. T., *Quilamo.*

Lagerstroemia indica Linn., Blanco, ed. 1, 454; ed. 2, 316.! Sp.-Fil., *Melindres.*

Munchausia speciosa Linn., Blanco, ed. 1, 611; ed. 2, 427 = *Lagerstroemia speciosa* (Linn.) Pers.! T., *Banaba.*

Sonneratia pagatpat Blanco, ed. 1, 424; ed. 2, 296.! This species was erroneously reduced by Villar to *Sonneratia acida* Linn. f. T., *Pagatpat, Palatpat, Palapad.*

Punica granatum Linn., Blanco, ed. 1, 422; ed. 2, 295.! Sp.-Fil., *Granada.*

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ONAGRACEÆ.

Jussiæa inclinata Blanco, ed. 1, 366, non Linn.; **Jussiæa fluviatilis** Blanco, ed. 2, 257, non Blume = *Jussiæa repens* Linn.! T., *Cangcong dapo.*

Jussiæa erecta Blanco, ed. 1, 365; ed. 2, 257, non Linn. = *Jussiæa suffrutiosa* Linn.! T., *Malapaco, Balacbac.?*

* **Balingayum decumbens** Blanco, ed. 1, 187; ed. 2, 132. This species and the genus is unknown. Villar retains it as a distinct genus of the *Onagraceæ*, but Bentham and Hooker, and Engler and Prantl refer it doubtfully to the genus *Erythropalum* in the *Olacaceæ*. Blanco's specimens were from Malinta, near Manila, a small prostrate plant, growing in wet places, rare and not well known to the natives. T., *Balingayo.*

SAMYDACEÆ.

* **Laurus serrata** Blanco, ed. 1, 319; ed. 2, 224. Reduced by Villar to *Casearia glomerata* Roxb., a species that certainly does not extend to the Philippines. Possibly a form of *Casearia grewiæfolia* Vent. A shrub or small tree flowering in August. T., *Inignin.*

Samyda serrulata Blanco, ed. 1, 374, non Linn.; **Samyda pubescens** Blanco, ed. 2, 263, non Linn. = *Casearia cinerea* Turcz.! Erroneously reduced by Villar to *Casearia tomentosa* Roxb. T. *Tulibas.*

Anavinga fuliginosa Blanco, ed. 1, 372; **Casearia fuliginosa** Blanco, ed. 2, 262. *Casearia leucolepis* Turcz., is certainly a synonym of this species, and Blanco's name being the earlier should be retained. Erroneously reduced by Villar to *Casearia grewiæfolia* Vent.

***Samyda trivalvis** Blanco, ed. 1, 374; ed. 2, 263. Reduced by Villar to *Casearia fragilis* Vent., which is certainly an error, although probably correct as to the genus. Blanco's specimens were from Angat, Province of Bulacan.

* **Gordonia polysperma** Blanco, ed. 1, 549; ed. 2, 384. Reduced by Villar to *Homalium foetidum* Benth., a species not known from the Philippines. Undoubtedly a species of *Homalium.* Blanco gives no locality and no native name.

PASSIFLORACEÆ.

Passiflora minima Blanco, ed. 1, 647, non Jacq.; **Passiflora serrulata** Jacq., Blanco, ed. 2, 452. The second name is undoubtedly correct. A cultivated plant flowering in August.

* **Passiflora parviflora** Blanco, ed. 1, 469, non Sw.; **Modecca ? parviflora** Blanco, ed. 2, 453. Reduced by Villar to *Modecca cardiophylla* Masters, a species that certainly does not extend to the Philippines. Blanco's specimens were from the mountains near San Mateo, Province of Rizal, fruit edible. T., *Salapong.*

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* **Passiflora coccinea** Blanco, ed. 1, 650, non Banks; **Modecca ? coccinea** Blanco, ed. 2, 453. Reduced by Villar to *Modecca heterophylla* Blume, a species as yet not known from the Philippines. Blanco's specimens were from the same locality as the preceding species. Fruit 2 inches long, 2 inches in diameter, edible, flowering in June. T., *Melong ouac.*

* **Passiflora saponaria** Blanco, ed. 1, 650; **Modecca ? saponaria** Blanco, ed. 2, 453. Reduced by Villar to *Modecca trilobata* Roxb., a species that is unknown from the Philippines. Blanco's specimens were from Tagudin, Province of Ilocos Sur. Il., *Libas.*

* **Passiflora zucca** Blanco, ed. 1, 648; **Modecca trilobata** Blanco, ed. 2, 452, non Roxb. Reduced by Villar to *Modecca palmata* Lam., a species that certainly does not extend to the Philippines, Blanco gives no locality for his specimens, which he states flower in June. Fruit red. T., *Binoyoc boyoc.*

Carica hermaphrodita Blanco, ed. 1, 803; ed. 2, 554. **Carica papaya** Linn., Blanco, ed. 1, 803; ed. 2, 554. The latter name is correct. *Carica hermaphrodita* Blanco, is an abnormal form. Sp.-Fil., *Papaya.*

CUCURBITACEÆ.

Trichosanthes amara Blanco, ed. 1, 774; ed. 2, 533, non Linn. Reduced by Villar to *Trichosanthes palmata* Roxb., but certainly identical with *T. quinqangulata* A. Gray! Not *Luffa acutangula* Roxb., as stated by Cogniaux. T., *Salagsalag, Pacupis, Salimpocot, Hothot, Halahala, Buyocbuyoc.* B., P., *Tabobog, Cucubitan, Pocotpocot, Curagda.* Sp.-Fil., *Pepinillo de San Gregorio.*

Cucurbita lagenaria-oblonga Blanco, ed. 1, 772; ed. 2, 531 = *Lagenaria vulgaris* Seringe, var.! T., *Tabayag.*

Cucurbita lagenaria-villosa Blanco, ed. 1, 772; ed. 2, 532 = *Lagenaria vulgaris* Seringe, var.! T., *Opo.*

Mormordica operculata Blanco, ed. 1, 770; ed. 2, 530, non Linn. = *Luffa cylindrica* Roem.! T., *Salag salag.*

Cucumis acutangulus Linn., Blanco, ed. 1, 776; ed. 2, 534 = *Luffa acutangula* (Linn.) Roxb.! T., *Patola.*

Cucurbita pepo-aspera Blanco, ed. 1, 773; ed. 2, 532 = *Benincasa cerifera* Savi.! T., *Condol.*

Momordica cylindrica Blanco, ed. 1, 769; ed. 2, 530, non Linn. = *Momordica charantia* Linn.! Native names the same as for the next species.

Momordica balsamina Linn., Blanco, ed. 1, 768; ed. 2, 529.! T., *Ampalaya, Apalaya, Amargoso.* B., *Palla, Margoso.* P., *Apalia.* I., *Paria.*

Momordica sphæroidea Blanco, ed. 1, 771; ed. 2, 531 = *Momordica cochinchinensis* Spreng.! T., *Boyocboyoc.*

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Cucumis melo Linn., Blanco, ed. 1, 775; ed. 2, 534. Reduced by Villar to *Cucumis trigonus* Roxb., but it is evident that Blanco correctly interpreted the species, and that the plant he describes is only a form of *Cucumis melo* Linn. T., *Tabogo.*

Cucurbita sulcata Blanco, ed. 1, 773; ed. 2, 532 = *Cucurbita maxima* Duchesne.! T., *Calabazang bilog.*

Cucumis luzonicus Blanco, ed. 1, 861; ed. 2, 534. Reduced by Villar to *Melothria indica* Lour., which is probably correct. T., *Melon daga.*

BEGONIACEÆ.

Begonia capensis Blanco, ed. 1, 724; ed. 2, 501, non Linn. Reduced by Villar to *Begonia rhombicarpa* A. DC., which is probably correct. T., *Pingol bato.*

CACTACEÆ.

Cactus pitajaya Blanco, ed. 2, 289, non Linn. Reduced by Villar to *Cereus triangularis* Haw., which is probably correct. Cultivated only.

Cactus opuntia Blanco, ed. 1, 414; ed. 2, 288, non Linn. Reduced by Villar to *Opuntia cochinillifera* Mill., which is probably correct. T., *Sandoc sandoc, Dilang baca.*

FICOIDEÆ.

Sesuvium portulacastrum Linn., Blanco, ed. 1, 426; ed. 2, 297.! T., *Dampalit, Tarumpalit.* V., *Bilang bilang, Dampalit.* P., *Dampalit, Carampalit.*

Portulaca toston Blanco, ed. 1, 408; **Portulaca axilliflora** Blanco, ed. 2, 285 = *Trianthema monogyna* Linn.! T., *Toston.*

Glinus lotoides Linn., Blanco, ed. 1, 413; ed. 2, 288.! T., *Lobio.*

Mollugo subserrata Blanco, ed. 1, 51; ed. 2, 34. The same as the following species. T., *Malagoso, Molugoso.*

Mollugo stricta Linn., Blanco, ed. 1, 52; ed. 2, 35.! T., *Malagoso, Molugoso.*

UMBELLIFERÆ.

Hydrocotyle asiatica Linn., Blanco, ed. 1, 212; ed. 2, 149.! T., *Taquip suso, Taquip cohol.*

Ammi glaucifolium Blanco, ed. 1, 213, non Linn.; **Daucus anisodorus** Blanco, ed. 2, 150. Reduced by Villar to *Carum copticum* Benth., which is probably correct. T., *Lamudio, Damoro.* B., *Lamudio.* P., *Damoro.*

Anethum foeniculum Linn., Blanco, ed. 1, 214; ed. 2, 150 = *Foeniculum vulgare* Mill.! T., *Haras.*

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ARALIACEÆ.

* **Aralia bipinnata** Blanco, ed. 1, 222; ed. 2, 157. Reduced by Villar to *Aralia javanica* Thunb., a species not known from the Philippines. A shrub, flowering in February. T., *Potat.*

Aralia tripinnata Blanco, ed. 1, 223; **Panax fruticosa** Blanco, ed. 2, 156 = *Panax fruticosum* Linn.! T., P., *Papua.* B., *Macan, Papua.*

Aralia pendula Blanco, ed. 1, 223; ed. 2, 157 = *Polyscias nodosa* Seem.! T., B., *Bongliu, Bingliu, Biasbias, Malapapaya.*

* **Polyscias digitata** Blanco, ed. 1, 224; **Aralia ? octophylla** Blanco, ed. 2, 158, non Lour. Reduced by Villar to *Heptapleurum rigidum* Seem., a species not known from the Philippines. Blanco's specimens were from Cebu, flowering in September. B., *Tagima.*

Polyscias odorata Blanco, ed. 1, 225; **Paratropia crassa** Blanco, ed. 2, 158 = *Heptapleurum venulosum* Seem.! T., *Limalima, Galamai amo.* B., *Cayangcan, Taguima, Calangcang, Carangcang, Limalima, Taguilima, Tuglima.* P., *Limalima.*

Polyscias obtusa Blanco, ed. 1, 226; **Paratropia obtusa** Blanco, ed. 2, 226. Reduced by Villar to the preceding species, which is certainly correct.!

* **Nauclea digitata** Blanco, ed. 2, 102. This species is reduced by Villar to *Heptapleurum cephalotes* Clarke, a species not known from the Philippines. Very doubtful.! Blanco's specimens were from Angat, Province of Bulacan, native name not given.

* **Polyscias disperma** Blanco, ed. 1, 226. Reduced by Villar to *Arthrophyllum diversifolium* Blume, which is certainly an error. Blanco's specimens were from the seashore, Batangas. This species is excluded from the second edition.

* **Polyozus bipinnatus** Blanco, ed. 2, 43. Reduced by Villar to *Arthrophyllum pinnatum* Clarke, a species not known from the Philippines. Blanco's specimens were from Angat, Province of Bulacan, flowering in June.

CORNACEÆ.

Alangium octopetalum Blanco, ed. 2, 310 = *Alangium lamarckii* Thwaites.!

Guettarda jazminiflora Blanco, ed. 1, 722; **Guettarda speciosa** Blanco, ed. 2, 499, non Linn. Reduced by Villar to *Marlea begoniæfolia* Roxb., which is probably correct. T., *Calumpangin, Bagaolan.*

CAPRIFOLIACEÆ.

Sambucus javanica Blume, Blanco, ed. 2, 151.!

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RUBIACEÆ.

Nauclea lutea Blanco, ed. 1, 141; **Nauclea glaberrima** Blanco, ed. 2, 100, non Bartl. = *Sarcocephalus cordatus* Miq.! Erroneously reduced by Villar to *Sarcocephalus subditus* Miq. T., *Bangcal.* V., *Bancal, Cabag, Hanbabalos.* P., *Bancal.* I., *Bulala.*

Nauclea glandulosa Blanco, ed. 1, 143; **Nauclea glabra** Blanco, ed. 2, 101 = *Nauclea blancoi* Vidal.! Erroneously reduced by Villar to *Anthocephalus cadamba* Miq. T., *Bagarilat.*

Nauclea adina Blanco, ed. 2, 102, non Smith = *Stephegyne diversifolia* Hook. f.! This species is described in the first edition under the native name only, *Mambog.* Erroneously reduced by Villar to *Stephegyne parvifolia* Korth., a species that does not extend to the Philippines. T., *Mambog.*

* **Mamboga capitata** Blanco, ed. 1, 140; **Nauclea luzoniensis** Blanco, ed. 2, 102. Reduced by Villar to *Stephegyne speciosa* Korth., which is probably an error. Probably a *Nauclea* or a *Sarcocephalus.* A very large tree. T., *Mambog.*

* **Nauclea latifolia** Blanco, ed. 1, 144; **Nauclea obtusa** Blanco, ed. 2, 101, non ? Blume. Villar considers that Blanco was correct in reducing his species to that of Blume, but *Nauclea obtusa* Blume, has not as yet been found in the Philippines. A tree flowering in August. T., *Balod.*

* **Tapogomea rubra** Blanco, ed. 1, 145; **Cephaelis expaleacea** Blanco, ed. 2, 103. Reduced by Villar to *Uncaria acida* Roxb., a species not known from the Philippines. Probably, however, a species of *Uncaria.* Blanco's specimens were from Cebu, flowering in April. B., *Mampol.*

* **Nauclea lanceolata** Blanco, ed. 1, 144; **Nauclea calycina** Blanco, ed. 2, 101, non ? Bartl. Reduced by Villar to *Nauclea purpurea* Roxb., a species not known from the Philippines. T., *Bagarilao na itim.*

Exostemma philippicum Blanco, ed. 2, 113, non R. et S. = *Hymenodictyon excelsum* Wall.! T., *Huliganga.*

Rondeletia asiatica Blanco, ed. 1, 146, non Linn.; **Wendlandia exserta** Blanco, ed. 2, 104, non DC. = *Wendlandia luzonensis* DC. Erroneously reduced by Villar to *Wendlandia paniculata* DC.

Dentella repens Forst., Blanco, ed. 1, 146; ed. 2, 103.! T., *Dilang butiqui.*

Oldenlandia capensis Blanco, ed. 1, 62; ed. 2, 45, non Thunb. = *Oldenlandia diffusa* Roxb.!

Oldenlandia paniculata Linn., Blanco, ed. 1, 61; ed. 2, 44.!

Oldenlandia affinis Blanco, ed. 2, 44, non R. et S. Reduced by Villar to *Oldenlandia nudicaulis* Roth., which is certainly an error, although the latter species has been found in the Philippines. Probably a form of *Oldenlandia corymbosa* Linn.

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Ophiorrhiza oblongifolia DC., Blanco, ed. 2, 64.!

Mussaenda frondosa Blanco, ed. 1, 167; ed. 2, 118, non Linn. = *Mussaenda grandiflora* (Meyen.) Rolfe.! T., *Tingatinga.* I., *Balailamoc.*

* **Stigmanthus cymosus** Blanco, ed. 2, 117. Reduced by Villar to *Webera odorata* Roxb., which is certainly an error, as that species does not extend to the Philippines. If a species of *Webera*, probably the same as *W. luzonensis* Vidal. Blanco's specimens were from Calauan, Province of Laguna, native name not given.

* **Randia aculeata** Blanco, ed. 1; 141; ed. 2, 99. Reduced by Villar to *Gardenia dumetorum* Lam., which is probably an error, as the latter species is unknown from the Philippines. Blanco's specimens were from Bauang, Province of Batangas, a shrub growing on the seashore, flowering in May. T., *Sinampaga.*

* **Remijia odorata** Blanco, ed. 2, 115. Reduced by Villar to *Randia densiflora* Benth., which may be correct, although the latter species is not known from the Philippines at the present time. Blanco's specimens were from Bauang, Province of Batangas, native name not given.

* **Serissa myrtifolia** Blanco, ed. 1, 164; **Remijia angatensis** Blanco, ed. 2, 115. Transferred to *Randia* by Villar, as a distinct species *Randia angatensis* (Blanco) F.-Vill. A shrub, known only from Blanco's description, flowering in August, Blanco's specimens being from Angat, Province of Bulacan. T., *Caragli.*

Serissa pinnata Blanco, ed. 1, 163; **Remijia obscura** Blanco, ed. 2, 116 = GARDENIA PINNATA (Blanco) (*Gardenia obscura* Vidal; *Randia obscura* F.-Vill.). T., *Caragli.* P., *Pagbut.*

Sulipa pseudopsidium Blanco, ed. 1, 497; ed. 2, 347 = *Gardenia pseudopsidium* (Blanco) F.-Vill.! T., *Calapi, Sulipa, Malabayabas.*

Ixora manila Blanco, ed. 1, 60; ed. 2, 42 = *Scyphiphora hydrophyllacea* Gaertn.! T., *Nilad, Nilar.*

* **Ixora glandulosa** Blanco, ed. 1, 61; ed. 2, 42. Reduced by Villar to *Canthium confertum* Korth, which is probably an error, as that species is unknown from the Philippines. T., *Malapatopat.*

Ronabea bipinnata Blanco, ed. 1, 162; **Ronabea arborea** Blanco, ed. 2, 114 = CANTHIUM BIPINNATUM (Blanco) (*Canthium arboreum* Vidal.). This species was erroneously referred to *Canthium mite* Bartl., by Villar. T., *Tadiang anunang.* I., *Pamalatanguen.*

Canthium pauciflorum Blanco, ed. 1, 165; **Canthium horridum** Blume, Blanco, ed. 2, 116. The latter name is correct. T., *Suliac daga.*

Canthium monoflorum Blanco, ed. 1, 166; **Canthium pedunculare** Cav., Blanco, ed. 2, 116. The latter name is correct.

* **Vangueria stellata** Blanco, ed. 1, 167; ed. 2, 117. Reduced by Villar to *Vangueria spinosa* Roxb., which is probably an error, as Blanco's species does not appear to belong to this genus. A tree flowering in August. T., *Malaas-is, Madondon.*

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Ixora coccinea Linn., Blanco, ed. 1, 59; ed. 2, 41.! Villar reduces this species to *Ixora stricta* Roxb., but Blanco describes the common cultivated form, which is apparently not a native of the Philippines. T., *Santan, Santa Ana.*

* **Ixora arborea** Blanco, ed. 1, 61; ed. 2, 42. Reduced by Villar to *Ixora stricta* Roxb., which is certainly an error. A tree flowering in August. T., *As-as.*

* **Taligalea umbellata** Blanco, ed. 2, 337. Reduced by Villar to *Ixora macrohylla* Bartl., which must be considered doubtful. Blanco's specimens were from Cebu, flowering in March. V., *Bagobago.*

* **Pavetta membranacea** Blanco, ed. 1, 59; **Pavetta sambucina** Blanco, ed. 2, 41, non DC. Reduced by Villar to *Pavetta angustifolia* R. et S., which is probably an error. Blanco's species may be a form of *Pavetta indica* Linn., or a distinct species. His specimens were from Angat, flowering in September.

Coffea arabica Linn., Blanco, ed. 1, 156; ed. 2, 110.! Sp.-Fil., *Café.*

Morinda litoralis Blanco, ed. 2, 109 = *Morinda citrifolia* Linn.!

Morinda citrifolia Blanco, ed. 1, 149; **Morinda ligulata** Blanco, ed. 2, 105 = *Morinda bracteata* Roxb.! T., V., *Bancudo, Pancudo, Bangcoro, Nino, Culit, Tumbong aso, Lino, Mambog, Tacpus.* P., *Taliantar.* I., *Apatot.*

Morinda royoc Blanco, ed. 1, 148; ed. 2, 105, non Linn. = *Morinda tinctoria* Roxb.! T., *Tumbong asong hapay.*

Morinda umbellata Blanco, ed. 2, 110. Reduced by Villar to *Morinda microcephala* Bartl., but it is evident that Blanco correctly interpreted the Linnean species.

* **Coffea volubilis** Blanco, ed. 1, 157; ed. 2, 111. Reduced by Villar to *Morinda tinctoria* Roxb., which may be correct. A scandent shrub, flowering in August. T., *Halon.*

Pæderia tacpo Blanco, ed. 1, 160; ed. 2, 113 = *Psychotria tacpo* (Blanco) Rolfe.! Erroneously reduced by Villar to *Psychotria malayana* Jack. T., *Tacpo.*

Pæderia fœtida Blanco, ed. 1, 159; ed. 2, 112, non Linn. = *Paederia tomentosa* Blume.! T., *Cantotai.* B., *Lilitan.* P., *Cantotai, Dicuta maboloc, Mabatang dicut.*

Spermacoce mutilata Blanco, ed. 2, 43 = *Spermacoce hispida* Linn.!

Spermacoce muriculata Blanco, ed. 2, 44. This species is reduced by Villar to *Spermacoce scaberrima* Blume, probably a form of the preceding species. Blanco's specimens were from Guadalupe, near Manila.

COMPOSITÆ.

Serratula multiflora Blanco, ed. 1, 617; ed. 2, 431, non Linn. = *Vernonia chinensis* Less.! T., *Bayaquiboc.*

Elephantopus scaber Linn., Blanco, ed. 1, 634; ed. 2, 441.!

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Elephantopus serratus Blanco, ed. 1, 635; ed. 2, 442. Reduced by Villar to *Elephantopus mollis* HBK., which is probably correct.

Ageratum quadriflorum Blanco, ed. 1, 624; **Elephantopus ? dubius** Blanco, ed. 2, 442 = *Elephantopus spicatus* B. Juss.! T., *Dilang usa, Tabatabacohan, Sigang dagat.* P., *Sumag.* B., *Habul, Ardotag.* I., *Cabcabron.*

Eupatorium ayapana Vent., Blanco., ed. 1, 619; ed. 2, 432.! Sp.-Fil., *Ayapana.*

Knautia sagittata Blanco, ed. 1, 54; ed. 2, 36 = *Mikania scandens* Willd.!

Perdicum tomentosum Blanco, ed. 1, 630; ed. 2, 439 = *Grangea maderaspatana* Poir.!

* **Baccharia ivæfolia** Blanco, ed. 1, 627; ed. 2, 437, non Linn. Reduced by Villar to *Conyza viscidula* Wall., which may be correct. B., *Tagabili.*

* **Conyza gouani** Blanco, ed. 1, 629, non Wild.; **Conyza erosa** Blanco, ed. 2, 439. Reduced by Villar to *Blumea manillensis* DC., which may be correct.

Conyza balsamifera Linn., Blanco, ed. 1, 628; ed. 2, 438 = *Blumea balsamifera* DC.! T., *Sambon.* V., *Lacdanbulan, Hamlibon, Lalacdan, Lacad bulan, Guintenguinten, Gabuen, Ayoban, Alibun.* P., *Sambon.* I., *Sobsob.*

Baccharis indica Linn., Blanco, ed. 1, 627; ed. 2, 438 = *Pluchea indica* (Linn.) Less.!

Sphæranthus alatus Blanco, ed. 1, 635.; **Sphæranthus indicus** Blanco, ed. 2, 442, non Linn. = *Sphæranthus africanus* L.! T., *Sambong gala.*

Sphæranthus elongatus Blanco, ed. 1, 636; ed. 2, 443 = *Pterocaulon cylindrostachyum* Clarke.! T., *Sambong gala.*

Xeranthemum stæhelina Blanco, ed. 1, 629; non Don.; **Gnaphalium dichotomum** Blanco, ed. 2, 439, non Wild = *Gnaphalium luteo-album* Linn.! Reduced by Villar to *Gnaphalium indicum* Linn. Blanco's specimens were from Agoo, Province of Union. I., *Badoc.*

* **Conyza dentata** Blanco, ed. 1, 629, non Linn.; **Conyza cappa** Blanco, ed. 2, 438, non Ham. Reduced by Villar to *Inula cappa* DC., which is certainly an error. Possibly a species of *Blumea.*

Anthemis cotula Blanco, ed. 1, 633, non Linn.; **Artemesia viridis** Blanco, ed. 2, 436, non Linn.= *Eclipta alba* Hassk.! T., *Higuis manoc.* I., *Tintatinta.*

Spilanthes acmella Blanco, ed. 1, 420; ed. 2, 433, non DC. = *Wedelia biflora* DC.! Villar considers that Blanco correctly interpreted DeCandolle's species, but his description certainly applies to *Wedelia biflora DC.* T., *Hagonoi.* V., *Agonoi.* P., *Palunai.*

Spilanthes lobata Blanco, ed. 1, 622; ed. 2, 434 = *Spilanthes acmella* Linn.! T., *Hagonoi.*

Spilanthes peregrina Blanco, ed. 1, 622; ed. 2, 434. Certainly only a form of *Wedelia biflora* DC.! T., *Hagonoi.*

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Coreopsis gracilis Blanco, ed. 2, 591 = *Cosmos caudatus* HBK.!

Bidens bipinnata Blanco, ed. 1, 623; ed. 2, 435 = *Bidens pilosa* Linn.!

Tagetes patula Linn., Blanco, ed. 1, 632; ed. 2, 440.! Cultivated only. Sp.-Fil., *Amarillo.*

Matricaria chamomilla Blanco, ed. 1, 631; ed. 2, 440, non Linn. = *Chrysanthemum indicum* Linn.! Sp.-Fil., *Manzanilla.*

Cotula quinqueloba Blanco, ed. 1, 626; ed. 2, 436 = *Centripeda orbicularis* Lour.! T., V., *Harangan.* V., *Pissic.*

Artemesia vulgaris Linn., Blanco, ed. 1, 625; ed. 2, 435. The identification of this species seems to be correct. T., *Ca Maria, Santa Maria, Tinisas.*

* **Cacalia sarrasenica** Blanco, ed. 1, 618; non Linn.; **Senecio cacaliaster** Blanco, ed. 2, 441, non Lam. Reduced by Villar to *Gynura angulosa* DC., a species that is not known from the Philippines. Flowering in August. T., *Sampaga del monte.*

Cacalia sonchifolia Linn., Blanco, ed. 1, 618; **Emilia sonchifolia** (Linn.) DC. Blanco, ed. 2, 432. The second name is correct. T., *Tagolinao.* P., *Tagulinao.* B., *Libun.*

Carthamus tinctorius Linn., Blanco, ed. 1, 616; ed. 2, 431.! T., *Biri, Casubha, Lago.* V., *Casabha.* P., *Casubha, Cachumba.*

GOODENIACEÆ.

Scaevola lobelia Blanco, ed. 1, 147; ed. 2, 104, non Murr. = *Scaevola koenigii* Vahl.! T., V., *Boto, Bosboron, Mosboron, Bocaboc, Panabolong, Pangangtolong.* Z., *Linog.*

CAMPANULACEÆ.

Pongatium spongiosum Blanco, ed. 1, 86; **Sphenoclea zeylanica** Gaertn., Blanco, ed. 2, 62. The latter name is correct.! T., *Silisilihan.*

Reichelia palustris Blanco, ed. 1, 220; ed. 2, 155. The same as the preceding.!

ERICACEÆ.

Clethra alnifolia Blanco, ed. 2, 259, non Linn. = *Clethra lancifolia* Turcz.! T., *Malaclac.*

PLUMBAGINACEÆ.

Plumbago viscosa Blanco, ed. 1, 78; ed. 2, 58 = *Plumbago zeylanica* Linn.! T., *Sangdigquit.* I., *Bangbang, Talancao.*

MYRSINACEÆ.

Bassovia sylvatica Blanco, ed. 2, 95. Reduced by Villar to *Maesa indica* A. DC., a species that does not extend to the Philippines. Probably the same as the species described by Mez as *Maesa laxa.* Blanco's specimens were from Angat, a small shrub, flowering in February. T., *Solinao.*

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Maesa membranacea Blanco, ed. 2, 590, non A. DC. = *Maesa cumingiana* Mez.!

Bladhia japonica Blanco, ed. 1, 126; ed. 2, 90, non Thunb. Reduced by Villar to *Ardisia pyramidalis* Pers. = *Ardisia serrata* (Cav.) Pers. Questionably referred here by Mez, but Villar is probably correct. Flowering in August. T., *Tacpong dalaga.*

Willughbeia drupacea Blanco, ed. 1, 132; ed. 2, 94. This species is reduced by Villar to *Ardisia obovata* Blume, which is a synonym of *Ardisia humilis* Vahl., certainly correctly referred.!

Aegiceras corniculatum (Linn.) Blanco, ed. 1, 79; ed. 2, 59. This name is correct, *Aegiceras majus* Gaertn., is a synonym. T., *Tingang baguis, Pipisic.*

SAPOTACEÆ.

Achras lucuma Blanco, ed. 1, 237; ed. 2, 166, non Ruiz et Pav. = *Lucuma mammosa* Gaertn.! T., *Mamei.*

Sideroxylon duclitan Blanco, ed. 1, 129; ed. 2, 92. A distinct species, flowering in September. T., *Duclitan, Dulitan.*

* **Sideroxylon balitbitan** Blanco, ed. 1, 130; ed. 2, 92. Probably a distinct species, but certainly closely related to the preceding. T., *Balitbitan.*

Achras sapota Linn., Blanco, ed. 1, 236; ed. 2, 165.! Sp.-Fil., *Chicos.*

Palaquium lanceolatum Blanco, ed. 1, 403; ed. 2, 282.! A distinct species. T., *Bagalanĝit.*

Palaquium latifolium Blanco, ed. 1, 404; ed. 2, 282.! A distinct species. T., *Palac palac.*

Palaquium oleiferum Blanco, ed. 1, 405; ed. 2, 283.! A species closely related to the preceding. I., *Daracan.*

Azaola betis Blanco, ed. 1, 402; ed. 2, 281 = *Illipe betis* (Blanco) Merrill (*Payena betis* F.-Vill.). T., P., *Betis.*

EBENACEÆ.

Diospyros pilosanthera Blanco, ed. 1, 304; ed. 2, 211. A good species. T., *Bolong eta.* B., *Dalondong, Amaga.*

Diospyros multiflora Blanco, ed. 1, 303, non Wall.; **Diospyros lotus** Blanco, ed. 2, 210, non Linn. = *Diospyros canomoi* A. DC.! A distinct species. T., *Canomoi, Canomai.*

* **Diospyros biflora** Blanco, ed. 1, 303; ed. 2, 210. Possibly a good species, at present known only from Blanco's description. A tree flowering in June. T., *Talang.*

* **Diospyros kaki** Blanco, ed. 2, 211, non ? L. f. Possibly this may be the same as the species described under this name by Linnaeus, f., and Villar so considers it. Blanco's specimens were from Mahaihai, Province of Laguna, known there as *Pagatpat.* Blanco had only fruits. *Diospyros kaki* of the seond edition is entirely different from *D. kaki* of the first edition.

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Sapota nigra Blanco, ed. 1, 409; **Diospyros nigra** Blanco, ed. 2, 211 = *Diospyros ebenaster* Retz.! Sp.-Fil., *Zapote negro.*

Diospyros kaki Blanco, ed. 1, 302, non Linn.; **Diospyros embryopteris** Blanco, ed. 2, 209, non Pers. = *Diospyros philippensis* (Desr.) Gurke! (*D. discolor* Willd.). T., *Talang, Mabolo.* V., *Amaga.* P., *Talang.*

STYRACEÆ.

Guettarda polyandra Blanco, ed. 2, 500 = *Symplocos polyandra* (Blanco?) A. Brand. Villar erroneously refers this species to *Symplocos racemosa* Roxb.

OLEACEÆ.

Nyctantes sambac Linn., Blanco, ed. 1, 9; ed. 2, 6 = *Jasminum sambac* (Linn.) Ait. T., *Sampaga.* V., *Capopot visaya, Manul.* P., *Campopot, Sampagang pougso, Culatai.*

* **Mogorium aculeatum** Blanco, ed. 1, 9; ed. 2, 7. Reduced by Villar to *Jasminum marianum* DC., but this species is not known from the Philippines. Possibly a distinct species of *Jasminum.* Flowering in May.

SALVADORACEÆ.

Azima nova Blanco, ed. 1, 68; ed. 2, 49. Considered by Vidal as a distinct species, although reduced by Villar to *Azima tetracantha* Lam. It may be the same as *Azima sarmentosa* Blume.

APOCYNACEÆ.

Allamanda cathartica Linn., Blanco, ed. 2, 64.!

Brabejum ? lucidum Blanco, ed. 2, 40 = GYNOPOGON MONILIFERA (Vid.). (*Alyxia monilifera* Vid.). Erroneously reduced by Villar to *Alyxia stellatum* R. et S. Blanco's specimens were from the pueblo of Bolohan, Cebu. V., *Layo.*

* **Brabejum ? concatenatum** Blanco, ed. 2, 40. Reduced by Villar to *Alyxia laurina* Gaud., a species not known from the Philippines. Blanco's specimens were from Cebu. Probably a distinct species of *Gynopogon.*

* **Brabejum ? pinnatum** Blanco, ed. 2, 40. Reduced by Villar to *Alyxia odorata* Wall., which is probably an error. Blanco's specimens were from Cebu. Probably a distinct species of *Gynopogon.* V., *Layo.*

Cerbera thevetia Linn., Blanco, ed. 1, 125; ed. 2, 89 = *Thevetia neriifolia* Juss.! Introduced from America. Sp.-Fil., *Campanelo.*

Cerbera manghas Blume, Blanco, ed. 1, 125; ed. 2, 89 = *Cerbera odollam* Gaertn.! T., *Toctoc calo.*

* **Elcana seminuda** Blanco, ed. 2, 584. Reduced by Villar to *Cerbera lactaria* Ham., a species that does not extend to the Philippines. Possibly a species of *Cerbera.* Blanco's specimens were from Angat, Province of Bulacan.

Vinca rosea Linn., Blanco, ed. 1, 116; ed. 2, 84.! T., *Cantotan.*

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Plumeria alba Blanco, ed. 1, 111; ed. 2, 80, non Linn. = *Plumeria acutifolia* Poir. T., *Carachucha, Calachuchi, Calasasi.*

Echites scholaris Linn., Blanco, ed. 1, 106; ed. 2, 77 = *Alstonia scholaris* (Linn.) R. Br.! T., *Dita.* I., *Dallopaven.*

Echites trifida Blanco, ed. 1, 109; ed. 2, 79, non Jacq. Reduced by Villar to *Alstonia spectabilis* Miq., but it is certainly *Alstonia macrophylla* Wall.! T., *Cayaocayao, Batino.*

Alstonia batino Blanco, ed. 2, 589 = *Alstonia macrophylla* Wall.! T., *Batino.*

Tabernaemontana globosa Blanco, ed. 1, 116; ed. 2, 83 = *Voacanga cumingiana* Rolfe (V. *foetida* F.-Vill., non Blume). A small tree flowering in August. T., *Bayag usa.*

Tabernaemontana laurifolia Blanco, ed. 1, 114; ed. 2, 82, non Linn. = *Tabernaemontana pandacaqui* Poir.! T., *Campopot, Pandacaqui.* B., *Alibutbut, Toar, Pandaya.* P., *Pandacaqui.* I., *Curribuetbuet.*

* **Tabernaemontana polygama** Blanco, ed. 2, 82. Considered by Villar to be a distinct species. Blanco's specimens were from Parañaque and Mandoloyon, near Manila, flowering in May.

Echites repens Blanco, ed. 1, 109, non Jacq.; **Echites procumbens** Blanco, ed. 2, 78 = HOLARRHENA PROCUMBENS (Blanco). Erroneously reduced by Villar to *Holarrhena macrocarpa* (Hassk.) F.-Vill. See Nos. 1844 and 3299 Merrill, and No. 298 Whitford. T., *Malayantoc, Hinguiu.*

Echites spiralis Blanco, ed. 1, 110; ed. 2, 79 = *Parsonsia rheedii* F. Vill.! This species is figured in the third edition of the Flora de Filipinas, *t. 310,* also by Vidal, Sinopsis, Atlas, *t. 66. f. E.*, while a full description is given by Vidal, Revision, 184.

Anasser laniti Blanco, ed. 1, 112; ed. 2, 81 = WRIGHTIA LANITI (Blanco) (*Wrightia ovata* A. DC.!). Blanco's name is the earliest for this species and should be retained. T., *Laniti.*

Nerium oleander Blanco, ed. 1, 104; ed. 2, 75, non Linn. = *Nerium odorum* Soland.! Sp.-Fil., *Adelfa.* T., *Baladre.*

Echites caudata Blanco, ed. 1, 106; ed. 2, 77, non Linn. = *Ichnocarpus navesii* Rolfe.! Erroneously reduced by Villar to *Ichnocarpus frutescens* R. Br. T., *Hinguio.*

Tabernaemontana elliptica Blanco, ed. 1, 116; ed. 2, 83, non Thunb. = *Choneomorpha macrophylla* Wall.! Blanco's specimens were from Tala, Province of Rizal or Bulacan, a scandent shrub, flowering in July.

ASCLEPIADACEÆ.

* **Tabernaemontana cirrhosa** Blanco, ed. 1, 115; ed. 2, 83. Reduced by Villar to *Finlaysonia obovata* Wall., which is certainly an error. Blanco's specimens were from Bauang, Province of Batangas, a scandent shrub growing along the seashore, in situations subject to inundation.

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* **Apocynum mucronatum** Blanco, ed. 1, 852; ed. 2, 143. Reduced by Villar to *Toxocarpos gracilis* Decne., which is very doubtful. A vine flowering in May.

Asclepias gigantea Willd., Blanco, ed. 1, 207; ed. 2, 146 = *Calotropis gigantea* R. Br.! T., *Capalcapal.*

Asclepias syriaca Blanco, ed. 1, 204; ed. 2, 144, non Linn. = *Asclepias curassavica* Linn.! T., *Bulac castila.*

* **Cynanchum viminale** Blanco, ed. 1, 203; ed. 2, 143, non ? Linn. Villar considers that Blanco describes the Linnean species, but this is probably an error, unless Blanco described an introduced plant. Blanco's species may be referable to *Sarcostemma brevistigma* W. et A. A vine, flowering in February, known in Manila as *Mil leguas.*

* **Asclepias peregrina** Blanco, ed. 1, 207; ed. 2, 146. Reduced by Villar to *Sarcolobus carinatus* Wall., which is certainly an error. Blanco's specimens were from Bauang, Province of Batangas, growing in situations subject to inundation, along the seashore.

Asclepias dæmia Blanco, ed. 1, 208; ed. 2, 146, non Forsk. Reduced by Villar to *Gymnema tingens* W. et A., which is probably correct.

Cynanchium tenellum Blanco, ed. 1, 204; ed. 2, 143, non Linn. Reduced by Villar to *Tylophora perrottetiana* Decne., which is probably correct.

Marsdenia akkar Blanco, ed. 1, 118; ed. 2, 85. Reduced by Villar to *Marsdenia tinctoria* R. Br., which is probably correct. B., *Payanguit, Aringit.*

* **Marsdenia tagudina** Blanco, ed. 1, 121; ed. 2, 86. Considered by Villar to be a distinct species. Blanco's specimens were from the pueblo of Taguding, Province of Ilocos Sur. I., *Tayomtayom.*

* **Pergularia glandulosa** Blanco, ed. 1, 202; ed. 2, 141. Reduced by Villar to *Pergularia minor* Andr., which is probably an error. Blanco's specimens were from Bauang, Province of Batangas, flowering in July.

* **Pergularia procumbens** Blanco, ed. 1, 204; **Pergularia glabra** Blanco, ed. 2, 141. Considered by Villar to be a distinct species, possibly however a synonym of *Pergularia odoratissima* Sm. Blanco's specimens were from Manila. T., *Mil leguas.*

Stapelia quadrangula Blanco, ed. 1, 202; ed. 2, 142, non Forsk. = *Heterostemma cuspidatum* Decne.! T., *Biniguasan.*

Cynanchium hirtum Blanco, ed. 1, 203; ed. 2, 143, non Linn. Reduced by Villar to *Dregea viridiflora* (DC.) F.-Vill., which is probably correct. Blanco's specimens were from Malinta, near Manila.

* **Stapelia meliflua** Blanco, ed. 1, 202; ed. 2, 142. Reduced by Villar to *Hoya diversifolia* Blume, a species not known from the Philippines. Certainly a species of *Hoya,* but not that species. A vine, flowering in June. T., *Balicbalic.*

* **Hoya carnosa** Blanco, non ? R. Br., ed. 2, 142. Identification possibly correct. Blanco's specimens were from cultivated plants.

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* **Marsdenia parasita** Blanco, ed. 1, 120; ed. 2, 86. Reduced by Villar to *Hoya parasitica* Wall., which is certainly an error. Certainly, however, a species of *Hoya.!* Blanco's specimens were epiphytes growing on *Erythrina* and on *Mangifera*, flowering in May, fruiting in June.

Asclepias carnosa Blanco, ed. 1, 208; ed. 2, 147 = *Hoya multiflora* Blume.!

LOGANIACEÆ.

Buddleia virgata Blanco, ed. 1, 57; ed. 2, 38, non Linn. Reduced by Villar to *Buddleia neemda* Hamilt., but certainly is *Buddleia asiatica* Lour.! T., *Talicnono.* I., *Tugnang.* B., *Lagundi salasa.*

Fagraea scholaris Blanco, ed. 2, 93. Reduced by Villar to *Fagraea cordifolia* Blume, a species not known from the Philippines. Probably the same as *Fagraea morindaefolia* Blume. T., *Cabal.*

* **Tayotum nigrescens** Blanco, ed. 1, 105; ed. 2, 76. Reduced by Villar to *Norrisia malaccensis* Gardn., which is undoubtedly an error. Blanco's specimens were from Angat, Province of Bulacan, a shrub flowering in June. T., *Saguing saguing, Tayoto.*

Ignatia amara Linn. f., Blanco, ed. 1, 82; **Strychnos philippensis** Blanco, ed. 2, 61 = *Strychnos ignatii* Berg.! Retained under the second name by Villar. For full synonomy see Hooker's Icones, Vol. 25: *pl. 2212, 2213.* T., *Pepita, Fruta.* P., *Pepita sa catbalogan.* V., *Pangaguason, Aguason, Canlara, Mana-naog, Dancagi, Catalonga, Igasud.*

GENTIANACEÆ.

Exacum albens Blanco, ed. 1, 58; ed. 2, 39, non Linn. f. Reduced by Villar to *Exacum chironioides* Griseb., probably, however, the same as *Exacum tetragonum* Roxb.

Cobamba dichotoma Blanco, ed. 1, 510; ed. 2, 355. Reduced by Villar to *Canscoria diffusa* R. Br., which is certainly correct.! T., *Codamba.*

* **Codamba blancoi** Azaola, in Blanco, ed. 2, 591. Reduced by Villar to *Canscoria decussata* R. et S., which is certainly an error. The material on which this species was based was from Gumai, Province of Pampanga. A form of the preceding species.?

Menyanthes indica Bory, Blanco, ed. 1, 87; ed. 2, 63 = *Limnanthemum cristatum* Griseb.! T., *Lauas.* I., *Locloquisin.*

HYDROPHYLLACEÆ.

Hydrolea arayatensis Blanco, ed. 1, 211; **Hydrolea zeylanica** Vahl., Blanco, ed. 2, 148. The second name is correct.

BORAGINACEÆ.

Cordia banalo Blanco, ed. 1, 124; **Cordia ? ignota** Blanco, ed. 2, 88 = *Cordia subcordata* Lam.! T., *Banalo.*

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Cordia sebestena Blanco, ed. 1, 121; ed. 2, 87, non Linn. = **Cordia dichotoma** Blanco, ed. 1, 123; ed. 2, 88, non Forst. = *Cordia blancoi* Vidal.! Erroneously referred to *Cordia myxa* by Villar. T., *Anonang.* V. *Anonang, Bilibi.*

Ehretia beurreria Blanco, ed. 1, 127; ed. 2, 91, non Linn. = *Ehretia philippinensis* A. DC.!

Ehretia virgata Blanco, ed. 1, 127; ed. 2, 165, non Swartz. = *Ehretia onava* A. DC.! T., *Onava.*

Menais mollis Blanco, ed. 1, 139; ed. 2, 99 = *Ehretia navesii* Vidal (*Ehretia mollis* Merrill). This species was erroneously referred by Villar to the preceding species. T., *Taglocot.*

Carmonia heterophylla Cav., Blanco, ed. 1, 209; ed. 2, 147 = *Ehretia buxifolia* Roxb.! T., B., *Alanguit, Alangitngit.*

Coldenia procumbens Linn., Blanco ed. 1, 74; ed. 2, 56.! T., *Tapiasin,* I., *Tabtabocol.*

Tournefourtia arborea Blanco, ed. 1, 129; ed. 2, 91 = *Tournefourtia argentea* Linn. f.!

Tournefourtia hirsutissima Blanco, ed. 1, 128; ed. 2, 91, non Linn = *Tournefourtia sarmentosa* Linn.! V., *Patai ood.* I., *Sallacapo.*

Heliotropum parviflorum Blanco, ed. 1, 80; ed. 2, 59 = *Heliotropum indicum* Linn.! T., *Hinlaylayon, Cotingcotingan.*

Borago indica Linn., Blanco, ed. 2, 60. Reduced by Villar to *Trichodesma indicum* R. Br., which is probably correct. Blanco's specimens were from Paranaque, near Manila.

Borago indica Blanco, ed, 1, 81, non Linn.; **Borago africana ?** Blanco, ed. 2, 60 = *Trichodesma zeylanicum* R. Br.! T., *Sigang dagat, Dilan usa.*

CONVOLVULACEÆ.

Convolvulus muricatus Blanco, ed. 1, 92; ed. 2, 68, non Linn. = *Ipomœa bona-nox* Linn.! T., *Camo camotihan.*

Ipomoea quamoclit Linn., Blanco, ed. 1, 97; ed. 2, 72 = *Quamoclit vulgaris* Choisy.! T., *Agoho.*

Convolvulus nil Linn., Blanco, ed. 1, 92; ed. 2, 68 = *Ipomœa nil* (Linn.), Roth.! Erroneously reduced by Villar to *Ipomœa hederacea* Jacq.

Convolvulus repens Blanco, ed. 1, 92; ed. 2, 68 = *Ipomoea reptans* (Linn.) Poir.! T., P., *Cangcong.* V., *Tancong.*

Convolvulus pes-caprae Linn., Blanco, ed. 1, 88; ed. 2, 65 = *Ipomœa pes-caprae* (Linn.) Roth.! T., B., *Catang catang, Lagayrai, Lampayong Bagasua, Camigang, Daripay, Tagaray, Arodayday, Lambayong.* I., *Lambayong.*

Convolvulus batatas Linn., Blanco, ed. 1, 93; ed. 2, 68 = *Ipomœa batatas* (Linn.) Lam.! T., *Camoti.*

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Chironia capsularis Blanco, ed. 1, 102; **Chironia lanosanthera** Blanco, ed. 2, 71 = *Ipomœa nymphæfolia* (Blume) Hallier.! Erroneously reduced by Villar to *Ipomœa peltata* Choisy. T., *Bulacan.*

* **Convolvulus distillatorius** Blanco, ed. 1, 95; ed. 2, 70. This species was reduced by Villar to *Ipomœa campanulata* Linn., which is certainly an error. Probably a species of *Erycibe.* V., *Bulacan, Buracan.*

Convolvulus maximus Blanco, ed. 1, 91; ed. 2, 67, non Linn. = *Operculina turpethum* S. Manso.!

Convolvulus catharticus Blanco, ed. 1, 94; **Convolvulus longiflorus** Spreng., Blanco, ed. 2, 69 = *Ipomœa glaberrima* Boj.! Reduced by Villar to *Ipomœa longiflora* R. Br. T., *Bulacan.*

Convolvulus colubrinus Blanco, ed. 2, 66. Reduced by Villar to *Ipomœa muricata* Jacq., which is probably correct. Introduced and cultivated.

Ipomoea pes-tigridis Linn., Blanco, ed. 1, 97; ed. 2, 71.!

Ipomoea hepaticifolia Blanco, ed. 2, 72, non Linn. Reduced by Villar to *Ipomœa angustifolia* Jacq., but this is certainly an error. Probably a form of *Merremia umbellata* var. *orientalis* Hallier f. Blanco's specimens were from Parañaque, near Manila, flowering in January.

Convolvulus paniculatus Linn., Blanco, ed. 1, 96; ed. 2, 70 = *Ipomœa paniculata* (Linn.) R. Br.! T., *Puntas puntas.*

Convolvulus dentatus Blanco, ed. 1, 89; ed. 2, 66, non Vahl. = *Ipomœa blancoi* Choisy.!

Polemonium obscurum Blanco, ed. 1, 103; ed. 2, 75. Reduced by Villar to *Lepistemon flavescens* Blume, which is probably correct. Blanco's specimens were from Bauang, Tayabas, and from Santiago, Ilocos Sur, flowering in January.

Convolvulus reniformis Roxb., Blanco, ed. 1, 91; ed. 2, 67 = *Merremia emarginata* Hallier.! Reduced by Villar to *Lepistemon reniformis* Hassk. T., *Bato bato.* I., *Cupit cupit.*

Convolvulus hederaceus Blanco, ed. 1, 90; ed. 2, 66, non Linn. = *Hewittia bicolor* Wight.!

Evolvulus linifolius Blanco, ed. 1, 221; ed. 2, 156. Reduced by Villar to *Evolvulus alsinoides* Linn., which is probably correct.

* **Porania volubilis** Blanco, ed. 1, 88; ed. 2, 64. Considered by Villar to be identical with *Porania volubilis* Burm., which may be correct. Blanco's specimens were from Cebu. V., *Bulacan.*

* **Convolvulus valerianoides** Blanco, ed. 1, 90; **Convolvulus boerhaavoides** ed. 2, 67. Reduced by Villar to *Breweria,* as a distinct species. *B. valerianoides* (Blanco) F.-Vill. This species is known only from Blanco's description, his specimens being from Santiago Point, Province of Batangas.

SOLANACEÆ.

Solanum lycopersicum Linn., Blanco, ed. 1, 134; ed. 2, 96 = *Lycopersicum esculentum* Mill.! T., *Camatis, Tomates.*

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Solanum nigrum Linn., Blanco, ed. 1, 134; ed. 2, 96.! T., *Cunti, Onti, Gamagamatisan.* V., *Lagpacum, Bolagtob, Lubilubi.* C., *Cuti, Lubilubi.*

Solanum mauritianum Blanco, ed. 1, 134; ed. 2, 96, non Scop. = *Solanum verbascifolium* Linn.! V., *Noog noog.*

Solanum zeylanicum Blanco, ed. 1, 136; ed. 2, 97, non Scop. = *Solanum ferox* Linn.! T., *Talong gubat, Tarambolo.*

Solanum melongena Linn., Blanco, ed. 1, 135; ed. 2, 96.! T., *Talong.*

Solanum coagulans Blanco, ed. 1, 135; ed. 2, 97, non Jacq. Reduced by Villar to *Solanum sanctum* Linn., but is probably only a variety of *Solanum melongena* Linn. T., *Tarumbulo, Tangantangan.*

Solanum sinense Blanco, ed. 1, 137; **Solanum tuberosum** Linn., Blanco, ed. 2, 97. The latter name is correct.!

Physalis peruviana Linn., Blanco, ed. 1, 138; ed. 2, 98.! T., *Potocan.*

Physalis angulata Linn., Blanco, ed. 1, 138; ed. 2, 99.! I., *Tuttullacac.*

Physalis pubescens Linn., Blanco, ed. 1, 138; ed. 2, 98.!

* **Solanum serratum** Blanco, ed. 1, 136; ed. 2, 97. Reduced by Villar to *Physalis indica* Linn., which is probably correct. Blanco's specimens were from Pasig, Province of Rizal, flowering in January.

Capsicum minimum Roxb., Blanco, ed. 1, 133; ed. 2, 95.! T., *Pasitis.*

Datura metel Blanco, ed. 1, 98; ed. 2, 72, non Linn., = *Datura fastuosa* Linn., var.! Villar considers that Blanco's species is the same as *Datura alba* Nees. P., T., *Talamponai.* V., *Tavbibung.*

Datura fastuosa Linn., Blanco, ed. 1, 100; ed. 2, 73.! T., *Talamponai na itim.*

Nicotiana tabacum Linn., Blanco, ed. 1, 101; ed. 2, 74.! Sp.-Fil., *Tabaco.*

* **Nicotiana fruticosa** Linn., ? Blanco, ed. 2, 74. **V. frutescens** Blanco, ed. 1, 101. This species may be the same as the form described by Linnaeus. Blanco's specimens were from the pueblo of San Jose, Batangas.

* **Nicotiana pusilla** Blanco, ed. 1, 100; ed. 2, 74. Reduced by Villar to *Nicotiana rustica* Linn., but this reference is very doubtful. Blanco's specimens were from a garden in Manila.

SCROPHULARIACEÆ.

Stemodia ruderalis Blanco, ed. 1, 498; ed. 2, 348, non Linn. = *Lindenbergia philippensis* (Cham.) Benth.!

Tala odorata Blanco ed. 1, 485; ed. 2, 338. Reduced by Villar to *Limnophila menthastrum* Benth., but certainly the same as *Limnophila roxburghii* G. Don.! T., *Tala, Taramhampan.* P., *Talatala.* I., *Taratara.*

* **Diceros stoloniferus** Blanco, ed. 2, 349. Reduced by Villar to *Limnophila repens* Benth., which is certainly an error. May be *Limnophila conferta* Benth. Sp.-Fil., *Oregano.*

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Calytriplex obovata Ruiz. et Pav., Blanco, ed. 2, 361. **Thunbergia stolonifera** Blanco, ed. 1, 517 = *Herpestes monniera* H. B. K.! T., *Olasamang aso.*

Legazpia triptera Blanco, ed. 2, 339 = *Torenia polygonoides* Benth.!

Mimulus violaceus Blanco, ed. 2, 357 = *Torenia peduncularis* Benth.!

* **Vandellia multiflora** Blanco, ed. 1, 505, non Don. Reduced by Villar to *Torenia asiatica* Linn., which may be correct. A small plant, flowering in October. This species is not included in the second edition.

* **Torenia paniculata** Blanco, ed. 1, 486; ed. 2, 339. This species is retained by Villar as distinct, which must be considered doubtful, as Blanco states that the plant is very common, although at present it is known only from Blanco's description.

Vandelia soriana Blanco, ed. 1, 506; **Torenia soriana** Blanco, ed. 2, 340. Retained by Villar as a distinct species, but is apparently the same as *Vandelia peduncularis* Benth. Blanco's specimens were from Malinta and Guadalupe, near Manila, flowering in October.

Kyrtandra personata Blanco, ed. 1, 18; **Cyrtandra personata** Blanco, ed. 2, 13. Reduced by Villar to *Bonnaya brachiata* Link et Otto, which is probably correct.

Gratiola hyssopioides Blanco, ed. 1, 11; ed. 2, 8, non Linn. Reduced by Villar to *Bonnaya reptans* Spreng., which is probably correct. Flowering in January.

Kyrtandra serrata Blanco, ed. 1, 18. Reduced by Villar to *Bonnaya veronicaefolia* Spreng., which may be correct. This species is not included in the second edition.

Kyrtandra capsularis Blanco, ed. 1, 17; **Cyrtandra glaberrima** Blanco, ed. 2, 12. Certainly the same as the preceding.!

Scoparia dulcis Linn., Blanco, ed. 1, 55; ed. 2, 37.! T., *Chachachachahan.*

OROBANCHACEÆ.

Æginetia indica Roxb., Blanco, ed. 2, 342.! T., *Dagatan.*

GESNERIACEÆ.

* **Hydrocotyle monopetala** Blanco, ed. 1, 213; **Ophiorhiza triandra** Blanco, ed. 2, 65. This species was reduced by Villar to *Epithema,* as a distinct species, *Epithema triandrum* (Blanco) F.-Vill. If a species of Epithema, possibly the same as *Epithema benthami* Clarke. A small plant, flowering in December.

* **Kyrtandra aristata** Blanco, ed. 1, 18; **Cyrtandra aristata** Blanco, ed. 2, 13. Referred by Villar to *Didymocarpus,* as a distinct species *D. aristata* (Blanco) F.-Vill., which reference must be considered doubtful. Blanco's specimens were from Malinta, near Manila, flowering in October. Probably not a species of this family.

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BIGNONIACEÆ.

Bignonia quadripinnata Blanco, ed. 1, 499; ed. 2, 349 = *Oroxylum indicum* (Linn.) Vent.! T., *Pincapincahan, Pincapinca, Taghilao, Abangabang.*

Bignonia spathacea Linn., Blanco, ed. 1, 499; **Spathodea luzonica** Blanco, ed. 2, 350 = *Dolichandrone spathacea* (Linn.) K. Sch.! T., *Tue.*

Millingtonia quadripinnata Blanco, ed. 1, 499; ed. 2, 351 = *Stereospermum quadripinnatum* (Blanco) F.-Vill.! T., *Baticulin.* V., *Ansohan.*

Millingtonia pinnata Blanco, ed. 1, 501; ed. 2, 351 = *Stereospermum pinnatum* (Blanco) F.-Vill.! T., *Banaibanai, Botong manoc.*

Crescentia trifolia Blanco, ed. 1, 489; ed. 2, 343 = *Crescentia alata* H. B. K.! Sp.-Fil., *Hoya cruz.*

PEDALIACEÆ.

Sesamum indicum Linn., Blanco, ed. 1, 507; ed. 2, 353.! T., *Linga.* V., *Longa.* P., *Langis.*

ACANTHACEÆ.

Thunbergia subsagittata Blanco ed. 1, 518; **Thunbergia fragrans** Blanco, ed. 2, 360. Reduced by Villar to *Thunbergia javanica* Gaertn., but is probably *Thunbergia fragrans* Roxb.

Elytraria amara Blanco, ed. 2, 8 = *Elytraria crenata* Vahl.!

* **Antirrhinum molle** Blanco, ed. 1, 503; ed. 2, 353. Reduced by Villar to *Hygrophila undulata* Nees, which is certainly an error.! Blanco's specimens were from Malinta, near Manila, a common plant flowering in January.

Antirrhinum comintanum Blanco, ed. 1, 502; ed. 2, 352 = *Hygrophila salicifolia* Nees.! T., *Mamitic.*

Ruellia uliginosa Blanco, ed. 1, 494; ed. 2, 346, non Linn. = *Blechum brownei* Juss.! T., *Sapinsapin, Dayang.* P., *Torrecilla, Calaboa.*

* **Ruellia repens** Blanco, ed. 1, 493; ed. 2, 345, non Linn. Reduced by Villar to *Hemigraphis,* as a distinct species, *Hemigraphis repens* (Blanco) F.-Vill. Known only from Blanco's description, whose specimens were from Cebu. V., *Palad palad.*

Acanthus doloariu Blanco, ed. 1, 487; **Acanthus ilicifolius** Linn., Blanco, ed. 2, 341. The latter name is correct.! T., *Dilivario, Dolariu, Tingloi, Laguiolaguio.* V., *Titio.* P., *Dulauari.*

Barrelièra cristata Blanco, ed. 1, 492; ed. 2, 344 = *Barleria cristata* Linn.! Sp.-Fil., *Flor de campana.*

Barreliera prionitis Blanco, ed. 1, 491; ed. 2, 343 = *Barleria prionitis* Linn.! T., *Cocong manoc.*

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Justicia gandarussa Blanco, ed. 1, 14; ed. 2, 10 = *Pseuderanthemum bicolor* (Schrk.) Radlk.! T., *Cinco llagas, Silisilihan, Limang sugat.* V., *Mopio, Maladosos, Panaptun.* P., *Alyopyop, Mandalusa.*

* **Ruellia secunda** Blanco, ed. 1, 495; ed. 2, 346 = *Lepidagathis secunda* (Blanco) Nees. A species known only from Blanco's description, but which is probably identical with *Lepidagathis luzona* Nees.

* **Dianthera americana** Blanco, ed. 1, 16, non Linn.; **Dianthera ciliata** Blanco, ed. 2, 12. Reduced by Villar to *Justicia mollissima* Nees, which is a synonym of *Justicia simplex* Don., and a species as yet not reported from the Philippines. Blanco's species is, possibly, a form of *Justicia procumbens* Linn. A plant a foot high, common in Malinta.

Justicia dalaora Blanco, ed. 1, 14; ed. 2, 10. Reduced by Villar to *Dianthera* (*Justicia*) *dichotoma* (Blume) Clarke, which is probably correct. V., *Dalaora.*

Justicia nasuta Linn., Blanco, ed. 1, 14; ed. 2, 10. Considered by Villar to be the Linnean plant = *Rhinacanthus communis* Nees. T., *Tagactagac.*

Justicia picta Linn., Blanco, ed. 1. 12; ed. 2, 9 = *Graptophyllum pictum* (Linn.) Griff.! (*Graptophyllum hortense* Nees.) T., *Moradong maputi, Balasbas.* V., *Balasbas, Antolang, San Francisco.*

Justicia ecbolium Blanco, ed. 1, 13; ed. 2, 10, non Linn. = the preceding.! The variety with purplish leaves. T., *Morado, Ternate, Balasbas.* V., *Balasbas.* P., V., *Hojas moradas, Balasbas malomay, Yovas, Ataiatai.*

* **Ruellia contorta** Blanco, ed. 1, 496; ed. 2, 347. Reduced by Villar to *Peristrophe* as a distinct species, *P. contorta* (Blanco) F.-Vill., a species known only from Blanco's description. Blanco's specimens were from Bauang, Province of Batangas, flowering in February. T., *Sapinsapin.*

Justicia viridis Blanco, ed. 1, 15; ed. 2, 11, non Forsk. = *Hypoestes malaccanus* Wight.!

VERBENACEÆ:

Lantana viburnoides Blanco, ed. 2, 345, non Vahl. = *Lantana camara* Linn.!

Verbena capitata Forsk., Blanco, ed. 1, 19; ed. 2, 14 = *Lippia nodiflora* (Linn.) Rich.! T., *Chachachachahan.*

* **Callicarpa americana** Blanco, ed. 1, 517; ed. 2, 360, non Linn. = *Callicarpa blancoi* Rolfe.! Reduced by Villar to *Callicarpa bicolor* Juss., and certainly closely related to that species. T., *Palis, Tubang dalag.*

Tectona grandis Linn. f., Blanco, ed. 1, 130; ed. 2, 92.! Sp.-Fil., *Teca, Ticla.* V., *Dalondon, Yate, Calayate.*

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* **Diospyros tectona** Blanco, ed. 2, 609. This name is published in the index to native names, under *Dalandon*, without description. Villar reduces it to *Tectona hamiltoniana* Wall. The name should be discarded.

* **Premna serratifolia** Blanco, ed. 2, 342, non Linn. Reduced by Villar to *Premna foetida* Reinw., which is undoubtedly an error.

Premna odorata Blanco, ed. 1, 488; ed. 2, 341. Erroneously reduced by Villar to *Premna pubescens* Blume, a species that does not extend to the Philippines. Blanco's species is certainly identical with *Premna vestita* Schauer, which is a much later name. T., *Alagao.* V., *Adgao, Pamuhat.* P., *Tanglay maloto.* I., *Anobran.*

* **Premna cordata** Blanco, ed. 1, 489; **Premna tomentosa** Blanco, ed. 2, 342, non Wall. Considered by Villar to be identical with *Premna tomentosa* Wall., but this is certainly an error. T., *Malaapi.*

Premna nauseosa Blanco, ed. 1, 489; **Premna integrifolia** Blanco, ed. 2, 342. A good species, the first name being the correct one. Erroneously reduced by Villar to *Premna mucronata* Roxb.

Gmelina asiatica Blanco, ed. 1, 492; ed. 2, 344, non Linn. = *Gmelina villosa* Roxb.! T., V., *Bagaboboi, Balabalayan.*

Gmelina inermis Blanco, ed. 1, 493; ed. 2, 345 = *Gmelina asiatica* Linn. ?, or a form of the preceding.

Vitex repens Blanco, ed. 1, 513; ed. 2, 358 = *Vitex ovata* Thunb. (*Vitex trifolia* Linn. f. var. *obovata* Benth.) T., *Lagunding gapang.*

Vitex trifolia Linn. f., Blanco, ed. 1, 513; ed. 2, 358.! T., *Lagundi.* V., *Gapasgapas.* I., *Danglay.*

Vitex leucoxylon Blanco, ed. 1, 516; ed. 2, 359, non Linn. Reduced by Villar to *Vitex negundo* Linn., which is probably correct. T., *Lagundi, Molavin.*

Vitex altissima Blanco, ed. 1, 516; ed. 2, 359, non ? Linn. = *Vitex littoralis* Decne.! T., *Molavin, Lagundi.*

Vitex latifolia Blanco, ed. 1, 514; ed. 2, 358 = *Vitex pubescens* Vahl.! T., *Molauin, Hamaraon, Bulaon.*

* **Vitex geniculata** Blanco, ed. 1, 514; ed. 2, 299. A species closely related to *Vitex littoralis* Decne., but perhaps distinct. T., *Molavin.*

Clerodendron capsulare Blanco, ed. 1, 509; ed. 2, 355 = *Clerodendron inerme* R. Br.!

Volkameria grandiflora Blanco, ed. 1, 512; ed. 2, 357 = *Clerodendron macrostegium* Schauer. T., *Malapotocan, Bagauac.* I., *Agboligan, Nacboligan.*

Clerodendron fortunatum Blanco, ed. 1, 508; ed. 2, 354, non Linn. = *Clerodendron blancoi* Naves.! Reduced by Villar to *Clerodendron infortunatum* Gaertn. T., *Casopanguil gubat.*

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Volkameria inermis Blanco, ed. 1, 511, non Linn; **Bolkameria casopanguil** Blanco, ed. 2, 356 = *Clerodendron intermedium* Cham.! T., *Casopanguil, Laroan, Anito, Macalalauang, Iginga.* V., *Asuangai, Pacapis, Colocolog, Alocasoc.*

Ligustrum quadriloculare Blanco, ed. 1, 10; ed. 2, 7. This species is the same as *Clerodendron navesianum* Vidal (*Clerodendron blancoanum* F.-Vill.) but the species is very near if not identical with *Clerodendron longiflorum* Decne. T., *Balictarin.*

Litsea luzonica Blanco, ed. 2, 284 = *Symphorema luzonicum* (Blanco) F.-Vill.! (*Symphorema luzoniense* Vidal.) This species is described in the first edition under the native name only. P., *Balaibai.*

Avicennia nitida Blanco, ed. 1, 504, non Jacq.; *Avicennia tomentosa* R. Br., Blanco, ed. 2, 353 = *Avicennia officinalis* Linn.!

LABIATÆ.

Ocimum americanum Blanco, ed. 1, 480; ed. 2, 335, non Linn. = *Ocimum basilicum* Linn.! T., P., *Solasi.* V., *Bonac.*

Ocimum citriodorum Blanco, ed. 2, 591 = the preceding species.!

Ocimum album Blanco, ed. 1, 479, non Linn.; **Ocimum virgatum** Blanco, ed. 2, 334, non Linn. = *Ocimum gratissimum* Linn.! T., *Locoloco.* V., *Coloncogon.* P., *Locoloco.*

Ocimum sanctum Linn., Blanco, ed. 1, 480; ed. 2, 334.! T., *Balanoi.*

Ocimum flexuosum Blanco, ed. 1, 480; ed. 2, 334, non Linn. = the preceding,! the purple-stemmed form. T., *Balanoi.*

Ocimum tenuiflorum Blanco, ed. 1, 481; ed. 2, 335 = *Moschosma polystachyum* Benth.!

Coleus suganda Blanco, ed. 1, 483; ed. 2, 337. Reduced by Villar to *Coleus aromaticus* Benth., which is probably correct. Sp.-Fil., *Orega..o.* T., *Suganda.*

* **Coleus pumilus** Blanco, ed. 1, 482; ed. 2, 336. Reduced by Villar to *Coleus acuminatus* Benth., which may be correct. Blanco's specimens were from Pasig, Province of Rizal, flowering in October. T., *Malamayana.*

Coleus grandifolius Blanco, ed. 1, 482; ed. 2, 336. Reduced by Villar to *Coleus atropurpureus* Benth., which is probably correct. T., V., P., *Mayana, Maliana, Badiara, Marayapa.*

Pycnanthemum elongatum Blanco, ed. 2, 333 = *Hyptis spicigera* Lam.!

Thymus virginicus Blanco, ed. 1, 478, non Linn.; **Pycnanthemum decurrens** Blanco, ed. 2, 333 = *Hyptis capitata* Jacq.! T., *Combarcombaran, Lingalingahan.*

Thymus biserratus Blanco, ed. 1, 478; **Pycnanthemum subulatum** Blanco, ed. 2, 333 = *Hyptis brevipes* Poir.! T., *Combarcombaran.*

Marrubium indicum Blanco, ed. 1, 477; ed. 2, 332, non Burm. = *Hyptis suaveolens* Poir.! T., *Soob cabayao.*

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Mentha cablin Blanco, ed. 1, 472; **Mentha auricularia** Blanco, ed. 2, 329, non Linn. = *Pogostemon cablin* (Blanco) Benth.! T., *Cablin, Carlin.* V., *Cadlom, Catluen, Cadlin.* P., *Cablin.*

Mentha crispa Blanco, ed. 1, 474; ed. 2, 330, non Linn. = *Mentha arvensis* Linn.! Sp.-Fil., *Yerba buena.*

Salvia violacea Blanco, ed. 2, 14, non Retz. et. Pav. = *Salvia plebeia* R. Br.!

Rosmarinus officinalis Linn., Blanco, ed. 1, 20; ed. 2, 15.! Sp.-Fil., *Romero.*

Phlomis alba Blanco, ed. 1, 474; ed. 2, 330, non Forsk. = *Anisomelis ovata* R. Br.! T., *Talingharap.*

Stachys artemesia Lour., Blanco, ed. 1, 476; ed. 2, 331 = *Leonurus sibiricus* Linn.! T., *Camariang songsong.*

Phlomis zeylanica Blanco, ed. 1, 475; ed. 2, 331, non Linn. Reduced by Villar to *Leucas aspera* Spreng., but certainly is *Leucas linifolia* Spreng.! T., *Pansipansi, Solasolasihan, Carucansoli.* V., *Pansipansi, Paipaisi.*

PLANTAGINACEÆ.

Plantago crenata Blanco, ed. 1, 56; **Plantago media** Blanco, ed. 2, 38, non Linn. Reduced by Villar to *Plantago erosa* Wall., which is a synonym of *Plantago major* Linn. Probably correctly referred. Flowering in February. T., *Lantin.*

NYCTAGINACEÆ.

Mirabilis longiflora Blanco, ed. 1, 77; ed. 2, 57, non Linn. = *Mirabilis jalapa* Linn.! Sp.-Fil., *Oracion, Diego de noche, Bella de noche.* T., *Guilalas, Suspiros.*

Boerhaavia diffusa Linn., Blanco, ed. 1, 8; ed. 2, 6 = *Boerhaavia repens* Linn.! T., *Paanbalivis.* I., *Tabtabocol ti Nuang.*

Pisonia aculeata Linn., Blanco, ed. 1, 195; ed. 2, 137.! T., *Digquit digquit.* I., *Puriquet.* T., *Panacla.*

Cordia olitoria Blanco, ed. 1, 123; ed. 2, 88. Reduced by Villar to *Pisonia inermis* Forst., which is cited as a synonym of *Pisonia alba* Spanoghe. A species rather commonly cultivated in Manila, but rarely producing flowers. T., *Maluco, Coles maluco.*

* **Buginvillea racemosa** Blanco, ed. 1, 307.; ed. 2, 214. Reduced by Villar to *Pisonia excelsa* Blume, which is certainly an error. Blanco's specimens were from Angat, Province of Bulacan, no native name given.

* **Cedrota guianensis** Blanco, ed. 2, 213, not Ræusch. Reduced by Villar to *Pisonia umbellifera* Seem., which is the same as *Pisonia excelsa* Blume. Blanco's specimens were from Cebu. V., *Tac-an.*

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AMARANTACEÆ.

Celosia baccata Retz., Blanco, ed. 1, 193; **Deeringia celosioides** R. Br., Blanco, ed. 2, 135. The latter name is correct. T., *Hagorilis.* V., *Hanlilimocon.*

Celosia cristata Linn., Blanco, ed. 1, 191; **Celosia coccinea** Linn., Blanco, ed. 2, 134. The former name is correct. T., *Palongpalongan.*

Celosia argentea Linn., Blanco, ed. 1, 192; ed. 2, 135.! T., *Cadayohan, Quindayohan.*

* **Celosia bicolor** Blanco, ed. 1, 191; **Celosia glauca** Blanco, ed. 2, 135, non Rottl. Reduced by Villar to *Celosia philippica* (Weinm.) Steud.

Amarantus spinosus Linn., Blanco, ed. 1, 710; ed. 2, 491.! T., *Quilites, Orayi.* P., *Ayantoto.* V., *Calites, Tililes, Harum, Orayi, Bayang-bayang.* I., *Cuanton.*

Amarantus mangostanus Linn., Blanco, ed. 1, 711; ed. 2, 492. Probably correct, although Villar reduces Blanco's species to *Amarantus melancholicus* Linn., which is a synonym of *Amarantus gangeticus* Linn. T., *Halon.*

Illecebrum lanatum Linn., Blanco, ed. 1, 190; **Celosia lanata** Linn., Blanco, ed. 2, 134 = *Aerua lanata* (Linn.) Juss.!

Achyranthes aspera Linn., Blanco, ed. 1, 188; ed. 2, 133.! T., *Hangor, Hangot, Docotdocot, Libai.* P., *Angud.* V., *Hangor.*

Achyranthes villosa Blanco, ed. 1, 189; ed. 2, 134, non Forsk. Reduced by Villar to *Alternanthera denticulata* R. Br., probably however only a form of the common *Alternanthera sessilis* R. Br. T., *Bonga bonga.*

Gomphrena globosa Linn., Blanco, ed. 1, 198; ed. 2, 139.! T., *Buquingan.*

CHENOPODIACEÆ.

Chenopodium ambrosioides Linn., Blanco, ed. 1, 200; ed. 2, 140.! T., V., P., *Aposotis.*

Basella rubra Linn., Blanco, ed. 1, 215; ed. 2, 151 = *Basella alba* Linn.! T., *Libato.* I., *Ilaibaquir.*

Basella lucida Linn., Blanco, ed. 1, 151; ed. 2, 273 = the preceding.! T., *Grana.*

Gomphrena volubilis Blanco, ed. 1, 199; ed. 2, 140 = *Anredera scandens* Juss.!

POLYGONACEÆ.

Polygonum stoloniferum Blanco, ed. 1, 314; ed. 2, 219. Reduced by Villar to *Polygonum barbatum* Linn., var. *vulgare* Meisn., which is probably correct. T., *Subsuban.* P., *Canubsuban.*

* **Polygonum bellardi** Blanco, ed. 1, 314; ed. 2, 219, non Boiss. Reduced by Villar to *Polygonum orientale* Linn., which is probably an error. Blanco's specimens were from Taguig, Province of Rizal, flowering in March. T., *Subsuban.* P., *Canucsuban.*

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Rheum muricatum Blanco, ed. 1, 327; **Rumex muricatus** Blanco, ed. 2, 195 = *Rumex maritimus* Linn.! Blanco's specimens were from cultivated plants.

NEPENTHACEÆ.

Nepenthes alata Blanco, ed. 1, 805; ed. 2, 555. A good species.!

Nepenthes ventricosa Blanco, ed. 1, 807; ed. 2, 556. A good species.!

CYTINACEÆ.

Rafflesia philippinensis Blanco, ed. 2, 565; **Rafflesia lagascae** Blanco, ed. 2, 595 = *Rafflesia manillana* Teschem.!

ARISTOLOCHIACEÆ.

* **Aristolochia sericea** Blanco, ed. 1, 283; ed. 2, 198. Reduced by Villar to *Bragantia corymbosa* Griff., which may be correct, although the latter species is at present not known from the Philippines. Blanco's specimens were from Agoo, Province of Union.

* **Aristolochia indica** Blanco, ed. 1, 282; ed. 2, 197, non ? L. Considered by Villar to represent the Linnean species, but probably only a form of *Aristolochia tagala* Cham. T., *Timbagan, Malaubai.*

Aristolochia subsagittata Blanco, ed. 1, 283; ed. 2, 197 = *Aristolochia tagala* Cham.! T., *Timbangan, Timbangantimbangan, Malaubi.* I., *Taointaoin.*

PIPERACEÆ.

Piper parvifolium Blanco, ed. 1, 23; ed. 2, 17. Reduced by Villar to *Piper caninum.* A. Dietr., which is probably correct. T., *Sabia.*

* **Piper obliquum** Blanco, ed. 1, 22; ed. 2, 16. Reduced by Villar to *Piper corylistachyon* C. DC. If this is correct, Blanco's name is the earlier. T., V., *Litlit, Litbit, Saog, Sangilo.* B., *Nopau.*

Piper betel Blanco, ed. 1, 22; ed. 2, 16 = *Piper betle* Linn.! T., B., *Itmo, Mamin.* V., *Buyo, Mamon.* P., *Samat.*

Piper nigrum Linn., Blanco, ed. 1, 21; ed. 2, 16.! Sp.-Fil., *Pimienta.* T., *Malisa.*

* **Piper anisumolens** Blanco, ed. 1, 23; **Piper anisodorum** Blanco, ed. 2, 16. Reduced by Villar to *Piper marginatum* Jacq., an American species, which is probably correct. T., *Buyo de anis.*

CHLORANTHACEÆ.

Chloranthus inconspicuus Blanco, ed. 2, 54, non Swartz. Reduced by Villar to *Chloranthus officinalis* Blume, which may be correct. *Chloranthus brachystachyus* Blume, is, however, the more common species in the Philippines.

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MYRISTICACEÆ.

Myristica luzonica Blanco, ed. 1, 664; ed. 2, 462; 463 = *Myristica philippinensis* Lam.! T., *Talangtalang, Anis moscada, Anis cahoi, Duguan.*

* **Sterculia glomerata** Blanco, ed. 1, 764; ed. 2, 525. This species is reduced by Villar to *Myristica corticosa* Hook. f. et Thoms., a species that does not extend to the Philippines, considered by Warburg to be possibly the same as *Knema heterophylla* (F.-Vill.) Warb. T., *Hindurugo.*

* **Sterculia decandra** Blanco, ed. 1, 766; ed. 2, 525. Reduced by Villar to *Myristica intermedia* Blume, a species that does not extend to the Philippines. Probably a species of *Myristica.* Blanco's specimens were from Balanga, Province of Bataan. T., *Banabanalo.*

LAURACEÆ.

* **Laurus martinicensis** Blanco, ed. 1, 317; ed. 2, 223, non aliorum. Reduced by Villar to *Beilschmiedia madang* Blume, which is certainly an error. Probably a species of *Lauraceæ,* but the genus is doubtful. A tree flowering in December. T., *Dinglas.*

* **Salgada laurifolia** Blanco, ed. 2, 221. Reduced by Villar to *Eusideroxylon borneense* T. et B., which must be considered very doubtful. Blanco's specimens were from Angat, Province of Bulacan.

* **Laurus cassia** Blanco, ed. 1, 317; ed. 2, 223, non Linn. Considered by Villar to represent *Laurus cassia* Burm, and by Villar reduced to a variety of *Cinnamomum zeylanicum* Breyn. Certainly erroneously referred. Blanco's specimens were from Balanga, Province of Bataan T., *Samilin.*

Laurus cinnamomum Blanco, ed. 1, 319; ed. 2, 225, non Linn. Referred by Villar to *Cinnamomum burmanni* Nees, which may be correct, as Blanco's specimens were from a cultivated plant.

Laurus culilaban Blanco, ed. 1, 315; ed. 2, 222, non aliorum. This species was reduced by Villar to *Cinnamomum pauciflorum* Nees, which is certainly an error, as that species does not extend to the Philippines. Probably identical with the form described by Vidal as *Cinnamomum mercadoi.* T., *Calingag, Macalingag.* V., *Calingag, Calinga.* P., *Calingad.* I., *Candaroma.*

Laurus persea Linn., Blanco, ed. 2, 224 = *Persea gratissima* Gaertn., an American species, cultivated. Blanco's specimens were from Santa Ana, a suburb of Manila.

Sebifera glutinosa Blanco, ed. 1, 819; ed. 2, 566, non Lour. Reduced by Villar to *Litsea chinensis* Lam., which is probably correct. T., *Pusopuso.* I., *Sablut.*

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Sebifera balongai Blanco, ed. 1, 820; ed. 2, 567. Reduced by Villar to *Litsea litoralis* Blume, but Vidal refers *Litsea litoralis* F.-Vill. to *Litsea chinensis* Lam. Probably only a form of the latter species. T., *Balongai.*

* **Olax baticulin** Blanco, ed. 2, 586 = *Litsea obtusata* F.-Vill.? Impossible to determine definitely if Blanco's species is the same as Villar's. T., *Baticulin.*

Laurus lanosa Blanco, ed. 1, 318; ed. 2, 224. Reduced by Villar to *Litsea villosa* Blume, which may be correct. T., V., *Batobato.*

* **Ajovea malabonga** Blanco, ed. 1, 233; **Laurus hexandra** Blanco, ed. 2, 222, non aliorum. Reduced by Villar to *Iteadapne confusa* Blume, which must be considered doubtful, as the latter species is unknown from the Philippines. A tree flowering in August. T., *Malabonga.*

Cassytha filiformis Linn., Blanco, ed. 1, 321; ed. 2, 226.! T., *Malabohoc.*

Hernandia sonora Blanco, ed. 1, 689; ed. 2, 478, non Linn. = *Hernandia peltata* Meissn.! T., *Colongcolong.*

THYMELAEACEÆ.

* **Daphne indica** Blanco, ed. 1, 309; ed. 2, 215, non ? Linn. Considered by Villar to represent the Linnean species, probably, however, the form described as *Wickstroemia viridiflora* Meissn. T., *Salago, Malasampaga.*

Daphne foetida Linn. ? Blanco, ed. 1, 308; ed. 2, 214. Certainly only a form of the preceding.! T., *Salago, Malasampaga.*

* **Daphne aquilaria** Blanco, ed. 1, 310; ed. 2, 216. Reduced by Villar to *Wickstroemia ovata* Mey. Vidal, however, states that *Wickstroemia ovata* F.-Vill., is the same as *W. indica* Mey. I., *Arandon.*

Dais laurifolia Blanco, ed. 1, 375; ed. 2, 263, non Jacq. = *Phaleria perrottetiana* (Decne.) F.-Vill.!

ELAEAGNACEÆ.

Elaeagnus angustifolia Blanco, ed. 1, 74; ed. 2, 53, non Linn. = *Elaeagnus latifolia* Linn.! T., *Alingaro.*

LORANTHACEÆ.

Lonicera symphoricarpos Blanco, ed. 1, 161; **Loranthus philippinensis** Cham. et Schlecht., Blanco, ed. 2, 164. The second name is probably correct. T., *Dapo.*

* **Loranthus pauciflorus** Blanco, ed. 1, 235; **Lonicera tomentosus** Blanco, ed. 2, 164, non aliorum. Considered by Villar to be a distinct species and retained under the former name. Blanco's specimens were parasitic on *Spondias.* T., *Dapo sa cahoy.* I., *Binbinguay.*

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* **Hillia longiflora** Blanco, ed. 1, 235; ed. 2, 165. Reduced by Villar to *Loranthus ampullaceus* Linn., which is probably an error, as the latter species is not found in the Philippines. Blanco's specimens were parasitic on *Mangifera altissima* Blanco, a tree known to the natives as *pajo*. Flowering in April. T., *Dapo sa pajo*.

* **Brabejum ? caliculatum** Blanco, ed. 2, 39. Reduced by Villar to *Loranthus*, as a distinct species, *Loranthus blancoanus* F.-Vill. Possibly a species of *Loranthus*. Blanco's specimens were from Cebu. V., *Malabachao*.

Fusanus ? parasitus Blanco, ed. 2, 53. Reduced by Villar to *Viscum orientale* Willd., which is probably correct. Blanco's specimens were parasites on a species of *Pterocarpus* in Angat, Province of Bulacan, flowering in February.

EUPHORBIACEÆ.

Euphorbia dulcis Blanco, ed. 1, 412; ed. 2, 287, non Linn. Reduced by Villar to *Euphorbia laevigata* Vahl. = *Euphorbia atoto* Forst.!

Euphorbia parannaquensis Blanco, ed. 2, 286 = *Euphorbia serrulata* Reinw.!

Euphorbia capitata Lam., Blanco, ed. 1, 411; *Euphorbia hirta* Linn., Blanco, ed. 2, 286 = *Euphorbia pilulifera* Linn.! T., *Batobatonis, Sayican, Gatasgatas, Golandrina*. V., *Gatasgatas, Buyayava, Tavava, Bovi*. P., *Malismalis, Sisiohan, Bolobtones, Magatas*.

Euphorbia pentagona Blanco, ed. 1, 413; ed. 2, 287, non Haw. Reduced by Villar to *Euphorbia neriifolia* Linn., which is probably correct. B., T., P., *Sorosoro, Sorog sorog, Bait, Lengua de perro*. I., *Carambuaya*.

Euphorbia tirucalli Linn., Blanco, ed. 1, 412; ed. 2, 287.! T., *Catuit*. Sp.-Fil., *Consuelda*.

Clutia stipularis Linn., Blanco, ed. 1, 818; ed. 2, 564 = *Bridelia stipularis* Blume.! T., *Hingongoto, Lobalob*. I., *Calondagui, Carabaui*.

Gluta orgyalis Blanco, ed. 2, 451 = CLEISTANTHUS ORGYALIS (Blanco). (*Cleistanthus blancoi* Rolfe, Journ. Linn. Soc. Bot. 21: 315; Vidal, Rev. Pl. Vasc. Filip. 234.) Erroneously reduced by Villar to *Cleistanthus ferrugineus* Muell. Arg. Blanco's specimens were from Angat, Province of Bulacan, flowering in April.

Kirganelia triandra Blanco, ed. 1, 711; ed. 2, 492 = *Phyllanthus triandrus* Muell. Arg.!

Kirganelia alba Blanco, ed. 1, 713; ed. 2, 494 = *Glochidion album* (Blanco) Boerl. (*Phyllanthus albus* Muell. Arg.) Blanco's specimens were from Angat, Province of Bulacan. It is represented by Nos. 3162 and 3797 Merrill.

Kirganelia villosa Blanco, ed. 1, 712; ed. 2, 493, non **Phyllanthus villosus** Poir. = *Glochidion llanosii* Muell. Arg.!

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* **Kirganelia nigrescens** Blanco, ed. 1, 712; ed. 2, 493. Reduced by Villar to *Glochidion molle* Blume, which may be correct. A shrub flowering in May.

Cicca acidissima Blanco, ed. 1, 700; ed. 2, 486 = *Phyllanthus distichus* Muell. Arg.! T., *Iba, Banquilin.* V., *Poras, Layohan.* P., *Iba.*

Cicca decandra Blanco, ed. 1, 701; ed. 2, 487 = *Phyllanthus reticulatus* Muell. Arg.! T., *Tinatinaan, Tintatintahan, Malatinta.*

Phyllanthus carolinianus Blanco, ed. 1, 691, non Wâlt. **Phyllanthus kirganelia** Blanco, ed. 2, 480, non Willd. = *Phyllanthus niruri* Muell. Arg.!

Kirganelia pumila Blanco, ed. 1, 712; ed. 2, 493. Reduced by Villar to *Phyllanthus niruri* Muell. Arg., as a variety, but more probably a form of *P. urinaria* Linn., or *P. simplex* Muell. Arg.

***Phyllanthus niruri** Blanco, ed. 1, 690, non Linn.; **Phyllanthus tetrander** Blanco, ed. 2, 480, non Roxb. Considered by Mueller to represent a distinct species, which he calls *Phyllanthus blancoanus.* This species is known only from Blanco's description. Blanco's specimens were from Bauang, Province of Batangas, a shrub 5 feet high, flowering in May.

Cicca pentandra Blanco, ed. 1, 701; ed. 2, 486 = *Fluggea obovata* Wall.! T., *Botolan.*

Cansiera pentandra Blanco, ed. 1, 73; ed. 2, 53 = *Antidesma leptocladum genuinum* Muell. Arg.! Erroneously reduced by Villar to *Antidesma cumingiana* Muell. Arg. T., *Bignay pogo.*

Cansiera grossularioides Blanco, ed. 1, 73; ed. 2, 53. Reduced by Villar to *Antidesma ghaesembilla* Gaertn., var. *paniculatum* Muell. Arg. Certainly a form of this species! T., *Cabogbog.*

Cansiera rheedii Blanco, ed. 1, 73; ed. 2, 52, non aliorum = *Antidesma ghaesembilla* Gaertn,! the pubescent form. T., *Bignai pogo.*

Antidesma spicata Blanco, ed. 1, 794; **Antidesma alexiteria** Blanco, ed. 2, 547, non alior. Reduced by Villar to *Antidesma ghœsembilla* Gaertn., which is certainly correct.! T., *Calamantao.*

Stilago bunius Linn., Blanco, ed. 1, 782; ed. 2, 539 = *Antidesma bunius* (Linn.) Spreng.! T., *Bignai, Bugnai.*

Jatropha curcas Linn., Blanco, ed. 1, 759; ed. 2, 522.! T., *Tuba.* V., *Casla.* I., *Tavatava.*

Jatropha janipha Blanco, ed. 1, 758; ed. 2, 521, non Linn. = *Jatropha multifida* Linn.!

Aleurites lobata Blanco, ed. 1, 756; **Aleurites triloba** Forst., Blanco, ed. 2, 520 = *Aleurites moluccana* Willd.! T., *Lumban, Capili.*

Aleurites lanceolata Blanco, ed. 1, 757; ed. 2, 521 = the preceding.!

Aleurites trisperma Blanco, ed. 1, 755; **Aleurites saponaria** Blanco, ed. 2, 519. A distinct species.! T., *Balocanad, Baguilumban, Calumban.* V., P., *Balucanag.*

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Croton glandulosum Blanco, ed. 1, 754; **Croton muricatum** Blanco, ed. 2, 518 = *Croton tiglium* Linn.! T., *Tuba, Camaisa, Balanti.*

* **Croton drupaceus** Blanco, ed. 2, 519 non Roxb. Reduced by Villar to *Croton luzonensis* Muell. Arg., probably, however, only a form of the preceding. Blanco's specimens were from Guadalupe, near Manila, flowering in October. T., *Balanti.*

Croton variegatus Linn., Blanco, ed. 1, 751; ed. 2, 517 = *Codiaeum variegatum* (Linn.) Muell. Arg.! T., *Saguilala.* V., *Calipayang.* Sp.-Fil., *Buena vista, San Francisco.*

Adelia acidoton Blanco, ed. 1, 815; ed. 2, 562, non Linn. = *Sumbavia rottleroides* Baill.! T., *Aliparo.*

Jatropha manihot Linn., Blanco, ed. 1, 760; ed. 2, 522 = *Manihot utilissima* Pohl.! T., *Camoting cahoy.*

* **Adelia resinosa** Blanco, ed. 2, 562. Reduced by Villar to *Claoxylon wallichianum* Muell. Arg., which is probably an error. This species is described in the first edition under the native name *Balilangouag.* Blanco's specimens were from Pasig, Province of Rizal.

* **Niota globosa** Blanco, ed. 2, 214. Reduced by Villar to *Claoxylon indicum* Muell. Arg., which may be correct. Blanco's specimens were from Angat, Province of Bulacan.

Acalypha angatensis Blanco, ed. 1, 750; ed. 2, 516. Considered by Villar to be a distinct species, probably, however, only a form of *Acalypha stipulacea* Klotzsch. Blanco's specimens were from Angat, Province of Bulacan, a shrub, flowering in December.

Acalypha tomentosa Blanco, ed. 1, 750. Reduced by Villar to *Acalypha grandis* Muell. Arg., which may be correct, or it may be a form of the next species. This species is not included in the second edition.

Acalypha glandulosa Blanco, ed. 1, 749; ed. 2, 516, non Cav. = *Acalypha stipulacea* Klotzsch.!

Acalypha caroliniana Blanco, ed. 1, 748; ed. 2, 515, non Walt. = *Acalypha indica* Linn.!

Adelia glandulosa Blanco, ed. 1, 814. Reduced by Villar to *Alchornea javensis* Muell. Arg., which is probably correct. This species is not included in the second edition. Blanco's specimens were from Santa Maria, Province of Ilocos Sur.

* **Tragia innocua** Blanco, ed. 2, 479. Reduced by Villar to *Alchornea villosa* Muell. Arg., which is probably an error. Blanco's specimens were from Angat, Province of Bulacan, flowering in February.

* **Excaecaria sicca** Blanco, ed. 1, 787; ed. 2, 542. Reduced by Villar to *Alchornea mollis* Muell. Arg., which is certainly an error. Blanco states that his species is poisonous, and common along the margins of streams. T., *Balanti.*

* **Prockia albicans** Blanco, ed. 1, 430; ed. 2, 299. Reduced by Villar to *Alchornea blumeana* Muell. Arg., which is certainly an error. T., *Busilac.*

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Adelia monoica Blanco, ed. 2, 561 = *Mallotus moluccanus* (Linn.) Muell. Arg.!

Adelia bernardia Blanco, ed. 1, 814, non Linn.; **Adelia barbata** Blanco, ed. 2, 561 = *Mallotus ricinoides* (Pers.) Muell. Arg.! T., Alim, *Taquip asin.* V., *Alum, Arum.* P., *Pacalcal, Vilos.* C., *Tapit.* Sp.-Fil., *Tres puntas.*

* **Adelia papillaris** Blanco, ed. 2, 562. Reduced by Villar to *Mallotus zollingeri* Muell. Arg., which is certainly an error, as the latter species does not extend to the Philippines. Blanco's specimens were from Guadalupe, near Manila.

Croton lacciferum Blanco, ed. 1, 752; ed. 2, 517 = *Macaranga tanarius* Muell. Arg., var. *tomentosa* Muell. Arg.! T., *Binonga, Minonga.* V., P., *Binonga.* P., *Bilau.* I., *Ginabang, Samac.*

Croton grandifolium Blanco, ed. 1, 753; ed. 2, 518 = *Macaranga mappa* (Linn.) Muell. Arg.! T., *Bingabing.*

Ricinus communis Linn., Blanco, ed. 1, 761; ed. 2, 523.! T., *Tangantangan, Lingasina.* I., *Tangantangan, Tavatavangsina.*

Lumanaja fluviatilis Blanco, ed. 1, 821; ed. 2, 568 = *Homonoia riparia* Lour.! T., *Lomonai, Agoioi.*

Excæcaria lævis Blanco, ed. 1, 788; ed. 2, 543 = *Homalanthus populneus* (Geisel.) Pax.! T., *Botong gubat.*

* **Tragia bracteata** Blanco, ed. 2, 481. Reduced by Villar to *Pimelodendron amboinicum* Hassk., which is certainly an error. Blanco's specimens were from Angat, a shrub, flowering in February. T., *Tablon.*

Excæcaria agallocha Linn., Blanco, ed. 1, 786; ed. 2, 541.! T., *Buta, Butabuta.* V., *Alipata, Lipata, Himbabao, Siac.* P., *Butabuta.*

URTICACEÆ.

Celtis philippinensis Blanco, ed. 1, 197; ed. 2, 139. A good species.! T., *Malaitmo.*

Celtis lima Blanco, ed. 1, 197; ed. 2, 139 = *Trema amboinensis* Blume.! T., *Hanarion.*

Calius lactescens Blanco, ed. 1, 698; ed. 2, 485 = *Streblus asper* Lour.! T., *Calios.* I., *Alodig.*

Malaisia tortuosa Blanco, ed. 1, 789; ed. 2, 543.! A good genus and species. T., *Malaisis.*

Morus luzonica Blanco, ed. 1, 703; **Broussonetia luzonensis** Blanco, ed. 2, 488 = *Allœanthus luzonicus* (Blanco) F.-Vill.! T., *Himbabao.*

Morus alba Linn., Blanco, ed. 1, 705; ed. 2, 489.! T., *Morera.*

Ficus indica Linn., Blanco, ed. 1, 681; ed. 2, 473. Reduced by Villar to *Ficus saxophila* Blume, but Blanco probably correctly interpreted the Linnean species. *Ficus saxophila* Blume is not known from the Philippines. T., P., *Baliti.* V., *Dalaguit, Nonoc.*

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* **Ficus payapa** Blanco, ed. 1, 683; ed. 2, 475. Reduced by Villar to *Ficus microcarpa* Linn. f., which is a synonym of *Ficus retusa* Linn. Possibly correctly referred. T., *Payapa.*

* **Ficus dicarpa** Blanco, ed. 1, 682; **Ficus nepalensis** Blanco, ed. 2, 474 non Spreng. Reduced by Villar to *Ficus hæmatocarpa* Blume, which is a synonym of *Ficus benjamina* Linn., which may be correct. Blanco's specimens were from Cebu. V., *Talicot.*

Ficus hispida odorata Blanco, ed. 1, 686; ed. 2, 476 = *Ficus odorata* (Blanco) Merrill, Govt. Lab. Publ. **17**: 15. 1904. Erroneously reduced by Villar to *Ficus pungens* Reinw. T., *Agosos.*

Ficus aspera Forst., Blanco, ed. 1, 676; ed. 2, 476. Blanco gives only a partial translation of the description of this species, without definitely referring any form to the species. Villar erroneously reduces it to *Ficus hirta* Vahl.

Ficus hispida linearis Blanco, ed. 1, 685; ed. 2, 476 = *Ficus cumingii* Miq.!. Erroneously reduced by Villar to *Ficus heterophylla* Linn. T., V., P., *Isis, Asis, Issio, Isioisio.*

Ficus hispida hastata Blanco, ed. 1, 685; ed. 2, 476 = *Ficus quercifolia* Roxb.!

Ficus heterophylla Blanco, ed. 1, 685; ed. 2, 476, non Linn. = *Ficus quercifolia* Roxb.! T., *Asis, Isis.*

* **Ficus argentea** Blanco, ed. 1, 681; ed. 2, 473. Reduced by Villar to *Ficus polycarpa* Wall., which is a synonym of *Ficus ribes* Reinw., and which is certainly an error.! Blanco's specimens were from the seashore at Mariveles, Province of Bataan.

* **Ficus rostrata** Blanco, ed. 1, 679; ed. 2, 472. Reduced by Villar to *Ficus radicans* Roxb., which is a synonym of *Ficus rostrata* Lam. Possibly correctly referred.

* **Ficus aspera volubilis** Blanco, ed. 1, 676; ed. 2, 472. Erroneously reduced by Villar to *Ficus hederacea* Roxb., which is probably a synonym of *Ficus scandens* Roxb. Blanco's specimens were from Calapan, Mindoro, a small vine with very rough leaves. T., *Hagupit.*

Ficus aspera nota Blanco, ed. 1, 677; **Ficus scabra** Blanco ed. 2, 471, non Forst. = *Ficus nota* (Blanco) Merrill, Govt. Lab. Publ. **17**: 10. 1904.! Erroneously reduced by Villar to *Ficus racemifera* Roxb. T., *Tibig.*

Ficus glomerata Blanco, ed. 1, 683; ed. 2, 475, non Roxb. = *Ficus minahassæ* Miq.! Erroneously considered by Villar to be identical with Roxburgh's species. T., *Tibig na lalaqui.* V., *Haguimit, Aimit.*

Ficus laevigata Blanco, ed. 1, 682; ed. 2, 474 = *Ficus variegata* Blume.! Erroneously reduced by Villar to *Ficus cuneata* Miq. T., *Tangisang bayauac.*

Ficus hauili Blanco, ed. 1, 684; **Ficus laurifolia** Blanco, ed. 2, 475. Apparently a distinct species. Reduced by Villar to *Ficus leucopleura* Blume, which is a synonym of *Ficus leucantatoma* Miq. A shrub or small tree. T., *Hauili.*

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* **Ficus laccifera** Blanco, ed. 1, 673; ed. 2, 468, non Roxb. Reduced by Villar to *Ficus radiata* Decne., which is also a synonym of *Ficus leucantatoma* Poir. Villar's reduction is probably an error. Blanco's specimens were from Cebu and Negros, said to be a very common shrub. V., *Lagnob.*

Ficus pseudopalma Blanco, ed. 1, 680; ed. 2, 473. A distinct species.! This species is not listed in Index Kewensis. T., *Niogniogan.*

Morus tinctoria Blanco, ed. 1, 404, non Linn.; **Broussonetia tinctoria** Blanco, ed. 2, 488, non Spreng. = *Cudrania obovata* Trec.! T., *Tahid labuyo.* I., *Talolong.*

Artocarpus incisa Linn. f., Blanco, ed. 1, 668; ed. 2, 465.! The earliest name for this species is *Artocarpus communis* Forst. T., V., P., *Antipolo, Tipolo.*

Artocarpus rima Blanco, ed. 1, 671; ed. 2, 467. Reduced by Villar to *Artocarpus incisa* Linn. f., var. *laevis* Miq. From Blanco's description certainly not this variety. A form or variety of the preceding species.! T., *Rima.* V., *Colo.* C., *Ogob.* ?

Artocarpus camansi Blanco, ed. 1, 670; ed. 2, 467. A form or variety of *Artocarpus incisa* Linn. f.! T., V., *Dalangain, Dolongain, Camongsi.* I., *Pacac.*

Artocarpus odoratissima Blanco, ed. 1, 671; ed. 2, 467. Certainly closely related to *Artocarpus incisa* Linn. f., and probably only a variety of that species. T., *Loloi.*

Artocarpus maxima Blanco, ed. 1, 669; **Artocarpus integrifolia** Linn. f., Blanco, ed. 2, 466. The latter name is correct. T., *Nangca.*

Artocarpus ovata Blanco, ed. 1, 666; ed. 2, 464, non Noronha = *Artocarpus cumingiana* Trec.! T., *Anobing, Anobling.* P., *Anobion.*

Artocarpus lamellosa Blanco, ed. 1, 667; ed. 2, 465. Reduced by Villar to *Artocarpus nitida* Trec., but Blanco's name is the older and should be retained. T., *Anobing caguiosing, Anobling.*

Procris violacea Blanco, ed. 1, 706; ed. 2, 490 = CONOCEPHALUS VIOLACEUS (Blanco) (*Conocephalus ovatus* Trec.!). Erroneously reduced by Villar to the related Malayan species, *Conocephalus suaveolens* Blume. T., *Lagna.*

* **Procris erecta** Blanco, ed. 1, 707; ed. 2, 490. Reduced by Villar to *Conocephalus*, as a distinct species, *C. erectus* (Blanco) F.-Vill. Known only from Blanco's description. T., *Hanopol.*

Urtica sessiliflora Blanco, ed. 1, 696, non Swartz; **Urtica capitata** ? Blanco, ed. 2, 483, non L. = *Fleurya interrupta* Gaud.! T., *Lipang Castila.* V., *Langala, Damoro, Dalamo, Daodaua.* P., *Lopa.*

Urtica umbellata Blanco, ed. 1, 696, non Bory; **Urtica ferox** Blanco, ed. 2, 484, non Forst. = *Laportea gaudichaudiana* Wedd.! T., V., *Lipa, Lipai, Lingaton, Apariagua.* P., *Lipang doton.*

* **Dorstenia pubescens** Blanco, ed. 1, 692; ed. 2, 481, non Forst. Reduced by Villar to *Elatostema obtusum* Wedd., which is probably an error. Certainly, however, a species of *Elatostema.*

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Urtica nivea Linn., Blanco, ed. 1, 697; ed. 2, 484 = *Boehmeria nivea* (Linn.) Hook. et Arn.! I., Ig., *Amarai, Arimai, Labnis.*

Urtica villosa Blanco, ed. 1, 695; ed. 2, 483, non Salzm. Reduced by Villar to *Pouzolzia indica* Gaud., which is probably correct.

* **Urtica japonica** Blanco, ed. 1, 684; ed. 2, 482, non Linn. Reduced by Villar to *Pouzolzia viminea* Wedd., which is probably an error. Probably, however, a species of *Pouzolzia.*

Urtica baccifera Blanco, ed. 1, 695, non Linn.; **Urtica arborescens** Blanco, ed. 2, 483, non Poir. = *Pipturus asper* Wedd.! T., *Dalonot.* V., *Dalonotan, Handaramai, Hindalamai.* P., *Dalonot.*

JUGLANDACEÆ.

Gyrocarpus pendulos Blanco, ed. 2, 55 = *Engelhardtia spicata* Blume.! T., *Pingol.*

CASUARINACEÆ.

Casuarina equisetifolia Forst., Blanco, ed. 1, 661; ed. 2, 460. Certainly this species, although Villar refers it to *Casuarina sumatrana* Jungh. T., *Agoho.* V., *Agoho, Malabohoc.* P., *Agoho.* I., *Aro, Caro, Agoo.*

CUPULIFEREÆ.

Quercus molucca Blanco, ed. 1, 726, non Rumph.; **Quercus concentrica** Blanco, ed. 2, 502, non Lour. = *Quercus llanosii* A. DC.! T., *Alayan, Hayopag.*

Quercus glabra Blanco, ed. 1, 727, non Thunb. **Quercus ovalis** Blanco, ed. 2, 502. A distinct species; the second name should be retained. *Quercus blancoi* A. DC., is a synonym. T., *Macabingao, Mangasiriqui, Hayopag.*

* **Quercus cooperta** Blanco, ed. 2, 503. Reduced by Villar to *Castanopsis costata* A. DC., probably, however, some species of *Quercus.* Blanco's specimens were from Angat.

* **Quercus cerris** Blanco, ed. 1, 727; ed. 2, 503. Reduced by Villar to *Castanopsis javanica* A. DC., probably, however, some species of *Quercus.* Blanco's specimens were from Angat.

Fagus philippinensis Blanco, ed. 2, 503 = *Castanopsis philippinensis* (Blanco) Vidal.! Erroneously referred by Villar to *Castanopsis sumatrana* A. DC. T., *Tacatac, Talacatac, Lovian.*

SALICACEÆ.

Salix azaolana Blanco, ed. 2, 539. Reduced by Villar to *Salix tetrasperma* Roxb., but apparently a distinct species, represented by Nos. 1987 and 2139 Forestry Bureau, Ahern's collector. T., *Tiaun.*

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GNETACEÆ.

Gnetum gnemon Linn., Blanco, ed. 1, 747; ed. 2, 514.! T., *Culiat.*

Thoa pendula Blanco, ed. 1, 746; **Thoa edulis** Blanco, ed. 2, 514. Reduced by Villar to *Gnetum scandens* Roxb., but probably the same as *Gnetum latifolium* Blume. T., *Culiat, Lamparahan, Biasbias, Taval, Malaitmo, Bangal, Itmong ouac.*

CONIFEREÆ.

Agathis loranthifolia Blanco, ed. 2, 528, non Salisb. = *Agathis philippinensis* Warb.!

Pinus taeda Blanco, ed. 1, 767; ed. 2, 528, non Linn. = *Pinus insularis* Endl.! I., *Saleng.*

CYCADACEÆ.

Cycas circinalis Linn., Blanco, ed. 1, 745; ed. 2, 513.! T., *Patúbo, Pitogo, Bitógo.*

HYDROCHARIDEÆ.

Ottellia alismoides Pers., Blanco, ed. 1, 461; ed. 2, 321.! T., *Calaboa.*

Ottellia ensiformis Blanco, ed. 1, 460; ed. 2, 320. Retained by Naves as a distinct species, citing *Damasonium lancifolium* Presl., as a synonym. Certainly a form of the preceding species.! Blanco's specimens were from Pasig, Province of Rizal, flowering in March. T., *Espada.*

Vallisneria spaerocarpa Blanco, ed. 1, 780; ed. 2, 538 = *Enhalus koenigii* Rich.! T., *Isai.*

Vallisneria spiralis Linn., Blanco, ed. 1, 781; ed. 2, 538.! T., *Cintas-cintasan.*

SCITIMINEÆ.

Musa. Blanco describes eighteen varieties of the Banana, which, with the exception of four, are being placed by him under the species *Musa paradisiaca* Linn. He states that he saw in the Philippines fifty-seven varieties, and divides the various forms and species into two groups, those with thick-skinned fruit, and those with thin-skinned fruit. The many varieties described by Blanco are mostly entirely ignored by Schumann[1] in his recent monograph of the family, although many of them are very characteristic. It is quite impossible with our present information to correlate Blanco's varieties with those of other authors from the Malayan region, and accordingly the following list is copied from the two editions of this Flora, without reference to the identifications of Naves. The common native name for Bananas is *Saguing*, the Spanish names *Platanos* and *Plantanos* being also frequently used.

Musa paradisiaca Linn., Blanco, ed. 1, 239; ed. 2, 168.

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[1] Engler, Pflanzenreich 4, 1900.

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BANANAS WITH THICK-SKINNED FRUITS.

* **M. paradisiaca compressa** Blanco, ed. 1, 240; ed. 2, 168. T., *Bisco, Saba.* Sp.-Fil., *Obispo.*

* **M. paradisiaca ternatensis** Blanco, ed. 1, 243; ed. 2, 170. T., *Ternate, Gloria.*

* **M. paradisiaca lacatan** Blanco, ed. 1, 243; ed. 2, 170. T., *Lacatan.*

* **M. paradisiaca pumila** Blanco, ed. 1, 244; ed. 2, 171. T., *Tampohin.*

* **M. paradisiaca suaveolens** Blanco, ed. 1, 244; ed. 2, 171. T., *Bungulan.*

* **M. paradisiaca magna** Blanco, ed. 1, 244; ed. 2, 171. T., *Tondoc.*

* **M. paradisiaca subrubea** Blanco, ed. 1, 245; ed. 2, 171.

* **M. paradisiaca violacea** Blanco, ed. 1, 245; ed. 2, 171.

* **M. paradisiaca glaberrima** Blanco, ed. 1, 245; ed. 2, 171. T., *Galamai señora, Dinugoan.*

* **M. paradisiaca maxima** Blanco, ed. 1, 245; ed. 2, 171. T., *Batavia, Matavia, Songai, Anuang.*

* **M. paradisiaca longa** Blanco, ed. 1, 245; ed. 2, 171. T., *Quinauayan.*

* **M. paradisiaca tombac** Blanco, ed. 1, 246; ed. 2, 171. T., *Tinumbaga, Goyoran.*

* **M. paradisiaca ulnaris** Blanco, ed. 1, 246; ed. 2, 172. This variety should be entirely discarded, as Blanco described it entirely from hearsay, and never saw specimens. "Los que han visto y comida el fruto, dicen que es del grueso de la pantorrilla, y que llega á tener hasta una braza de largo.!"

M. troglodytarum Linn., Blanco, ed. 1, 246; ed. 2, 172 = *Musa paradisiaca* Linn., subsp. *troglodytarum* (Linn.) Baker. T., *Botohan, Botoan.*

M. trogloditarum errans Blanco, ed. 1, 247; ed. 2, 172. Certainly a form or variety of *Musa textilis* Neé.! T., *Saguing machin, Saguing na ligao.*

* **M. troglodytarum dolioliformis** Blanco, ed. 1, 855; ed. 2, 174.

M. trogloditarum textoria Blanco, ed. 1, 247; ed. 2, 173 = *Musa textilis* Neé.! T., *Abacá.*

BANANAS WITH THIN-SKINNED FRUITS.

* **M. paradisiaca glauca** Blanco, ed. 1, 250; ed. 2, 175. T., *Bingticohol, Tinalong.*

* **M. paradisiaca cinerea** Blanco, ed. 1, 250; ed. 2, 175. Said by Blanco to have been introduced from India. T., *Letondal.*

Amomum zingiber Linn., Blanco, ed. 1, 2; ed. 2, 2 = *Zingiber officinale* Rosc.! T., *Luya.* C., *Laya.*

Amomum zerumbet Linn., Blanco, ed. 1, 2; ed. 2, 2 = *Zingiber zerumbet* (Linn.) Rosc.! T., *Luyang osiu, Lampuyan.?*

Curcuma longa Linn., Blanco, ed. 1, 5; ed. 2, 4.! T., *Dilao.* V., *Dulao, Calavaga, Quinamboy.* P., *Angai.*

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* **Costus luteus** Blanco, ed. 1, 4; ed. 2, 3 = *Curcuma xanthorrhiza* Roxb. (?) T., *Tamahilan, Tamohilan, Tamo, Tamocansi, Tumahila, Bolon.* P., *Tamo.*

* **Costus nigricans** Blanco, ed. 1, 3; ed. 2, 3. Reduced by Naves to *Curcuma zerumbet* Roxb., which is a synonym for *Curcuma zedoaria* Rosc. The latter name is probably the correct one for Blanco's species. T., *Barac, Lampuyang.*

Kaempferia rotunda Blanco, ed. 1, 5; ed. 2, 4, non Linn. Reduced by Naves to *Kaempferia galanga* Linn., var. Probably a form of this species. T., *Dusog, Duso, Dusod, Guisol.* P., *Cusol, Guisol, Dusol.*

* **Amomum echinatum** Willd., Blanco, ed. 2, 3. Reduced by Naves to *Amomum aculeatum* Roxb., var. *majus.* This may be correct. Blanco's specimens were from Angat, Province of Bulacan.

Renealmia gracilis Blanco, ed. 1, 1; **Renealmia exaltata** Blanco, ed. 2, 1, non Linn. = *Alpinia elegans* (Presl) K. Sch. (*Kolowratia elegans* Presl; *Alpinia gracilis* Rolfe). Erroneously reduced by Naves to *Alpinia gigantea* Blume. T., *Tagbac.* P., V., *Catcatan, Catotang, Tagbac, Salbac, Bagombon.*

Maranta arundinacea Blanco, ed. 1, 7; ed. 2, 5, non Linn. = *Donax arundastrum* Lour.! T., *Tagbactagbac, Bamban.*

Canna indica Linn., Blanco, ed. 1, 6; ed. 2, 5.! T., *Cacuentasan, Tiquis tiquis, Ticas, Ticas ticas.*

ORCHIDACEÆ.

* **Epidendrum equitans** Blanco, ed. 1, 645; ed. 2, 449. Reduced by Naves to *Eria aporoides* Lindl., but the identification is very doubtful. Said by Blanco to be common in the Tala Mountains, Province of Rizal or Bulacan.

* **Epidendrum lineare** Blanco, ed. 1, 644; ed. 2, 449, non Linn. Reduced by Naves to *Cleisostoma ionosmum* Lindl., which may possibly be correct.

* **Orchis lanigera** Blanco, ed. 1, 641; ed. 2, 446. Reduced by Villar to *Aerides virens* Lindl., which is probably an error. Flowering in July.

Arethusa glutinosa Blanco, ed. 1, 641; ed. 2, 446. Reduced by Naves to *Geodorum semicristatum* Lindl., which is probably correct. T., *Cebollas del monte, Fariqtan, Camaog.*

* **Cypripedium bulbosum** Blanco, ed. 1, 637; ed. 2, 444, non Linn. Reduced by Naves to *Eulophia sumatrana* Blume, which is probably an error. A small plant, flowering in July.

* **Dendrobium teretifolium** Spreng.? Blanco, ed. 2, 444; *D. teres* Blanco, ed. 1. 638. Naves considers that Blanco correctly interprets Sprengel's species, and reduces it to *Luisa teretifolia* Gaud. Blanco's specimens were from Angat, Province of Bulacan, flowering in January or March.

Phalaenopsis amabilis Blume, Blanco, ed. 2, 592. Probably correctly determined by Blanco. T., *Dapo.*

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* **Ophrys cernua** Blanco, ed. 1, 639; ed. 2, 445. Reduced by Naves to *Grammatophyllum scriptum* Blume, which is probably an error. A terrestrial plant, growing near the sea, at Bauang, Province of Batangas, flowering in March.

* **Vanilla ovalis** Blanco, ed. 2, 448; **Epidendrum vanilla** Blanco, ed. 1, 643, non L. Naves considers that Blanco's species is identical with *Vanilla aromatica* Sw., but this is probably an error. Blanco's specimens were from Majayjay, Province of Laguna.

* **Vanilla majaijensis** Blanco, ed. 2, 593. Reduced by Naves to *Vanilla planifolia* Ait., which is probably an error. Probably the same as the species described by Blanco as *Vanilla ovalis*, whatever that may be. Blanco's specimens were from the same locality as the preceding species.

* **Thelymitra malintana** Blanco, ed. 1, 462; ed. 2, 447. Reduced by Naves to *Habenaria trinervis* Wight., which is probably an error, at least as to the species. Said by Blanco to be very common in Malinta, near Manila, flowering in October.

IRIDACEÆ.

Antholyza meriana Blanco, ed. 1, 24; ed. 2, 18, non Linn. Reduced by Naves to *Sisyrinchium palmifolium* Linn., an American species, which may be correct. Blanco's specimens were from cultivated plants flowering in November. Sp.-Fil., *Cebollas de Persia.*

AMARYLLIDACEÆ.

Gethyllis acaulis Blanco, ed. 1, 260; ed. 2, 181. Reduced by Naves to *Hypoxis franquevillei* Miq. = *Hypoxis flava* Lour., which is certainly correct. Blanco's specimens were from Malinta, near Manila, flowering in October.

Agave americana Blanco, ed. 1, 258; ed. 2, 180 = *Agave rigida* Mill. var.! T., *Magui.*

Polianthes tuberosa Linn., Blanco, ed. 1, 259; ed. 2, 181. Correctly identified by Blanco, a Mexican species introduced and cultivated, flowering in May. Sp.-Fil., *Azucena.*

Crinum giganteum Blanco, ed. 2, 175, non Andr.; **Haemanthus pubescens** Blanco, ed. 1, 253. Reduced by Naves to *Crinum asiaticum* Linn., which may be correct. T., *Bacong.*

Crinum asiaticum Blanco, ed. 1, 251; ed. 2, 175, non Linn. Reduced by Naves to *Crinum gracile* E. Meyer, which is probably correct. Blanco's specimens were from Mandaloyon, near Manila, flowering in July.

* **Amaryllis atamasco** Blanco ed. 1, 254; ed. 2, 178, non Linn. Reduced by Naves to *Hippeastrum miniatum* Herb., an American species, which may be correct, although Blanco does not state whether or not the plant was cultivated. Flowering in February. T., *Bacong, Talicoran.*

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Pancratium amboinense Linn., ? Blanco, ed. 1, 252; ed. 2, 177. Reduced by Naves to *Eurycles amboinensis* Herb. = *Eurycles sylvestris* Salisb., which may be correct. Common along the seashore, flowering in April. T., *Catongal.* V., *Abur, Panabor, Catangal, Talaonor, Tonuar, Dausum.*

* **Pancratium maritimum** Blanco, ed. 1, 252; ed. 2, 177, non Linn.? The genus is probably correct, but the species is very doubtful. *Pancratium maritimum* Linn., is an American species. Blanco's specimens were from the Province of Batangas, there called *Cebollas del Monte,* from which it is evident that the plant that Blanco describes was probably from the forests, and not from the seashore.

Pancratium zeylanicum Linn., Blanco, ed. 1, 253; ed. 2, 177. Probably correctly identified by Blanco. Flowering in April. T., *Lunas, Catongal.* Sp.-Fil., *Rosas de Persia.*

* **Pancratium illyricum** Blanco, ed. 1, 251; ed. 2, 176, non Linn. Reduced by Naves to *Hymenocallis adnata* Herb., an American species which may be correct, although Blanco does not state whether or not his material was from cultivated specimens. Flowering in June. T., *Tagalhi.*

BROMELIACEÆ.

Bromelia ananas Linn., Blanco, ed. 1, 230; ed. 2, 162 = *Ananassa sativa* Lindl.! Sp.-Fil., *Piña.*

TACCACEÆ.

Tacca pinnatifida Forst., Blanco, ed. 2, 182; *Tacca gaogao* Blanco, ed. 1, 262, 856. The first name is correct. Z., *Tambobon.* I., *Panarien.* T., *Gaogao.*

Tacca vesicaria ? Blanco, ed. 1, 261; **T. palmata** Blanco, ed. 2, 182. Considered by Naves to be identical with *Tacca palmata* Blume. Blanco's specimens were from Malinta, near Manila, flowering in July. V., *Magsaloro.* Sp.-Fil., *Corazon de Angel.*

DIOSCOREACEÆ.

* **Dioscorea divaricata** Blanco, ed. 1, 797; ed. 2, 550. Reduced by Naves to *Dioscorea batatas* Decne., but even if correctly referred, Blanco's name is the older. A species flowering in October, the tubers very deep in the ground. T., *Paquit, Cobag.* V., *Baliacag.* I., *Dulian.*

Dioscorea alata Linn., Blanco, ed. 1, 799; ed. 2, 550.! T., *Ubi.* V., *Quinampai.*

Dioscorea pentaphylla Linn., Blanco, ed. 1, 802; ed. 2, 552.! T., *Limalima.*

Dioscorea papillaris Blanco, ed. 1, 801; ed. 2, 552. Reduced by Naves to *Dioscorea sativa* Linn., which is probably correct. T., *Tongo, Quiroi.*

Dioscorea triphylla Blanco, ed. 1, 799; ed. 2, 551, non Linn = *Dioscorea daemona* Blume.! Reduced by Naves to *Dioscorea hirsuta* Blume. T., *Nami.* V., *Corot, Gayos.* P., *Calut.*

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Dioscorea tugui Blanco, ed. 1, 800; **Dioscorea sativa** Blanco, ed. 2, 551, non Linn. = *Dioscorea fasciculata* Roxb.! T., *Foqui.*

LILIACEÆ.

Smilax pseudochina Blanco, ed. 1, 795; ed. 2, 548, non Linn. = *Smilax bracteata* Presl, for most part, although Naves considers that Blanco's description also applies in part to *Smilax china, S. laevis* and *Heterosmilax bornensis* A. DC. T., *Obat, Hampas tagbalang, Camagsa obat.* V., *Banag, Ubiubihan, Ronas.* P., *Barag.* Sp.-Fil., *Zarzaparrilla.*

* **Smilax fistulosa** Blanco, ed. 1, 796; ed. 2, 549. Reduced by Naves to *Smilax indica* Vitm., which may be correct. Blanco's description is very imperfect.

Smilax latifolia Blanco, ed. 2, 548. Reduced by Naves to *Smilax macrophylla* Roxb., which may be correct. T., *Sipit olang.* V., *Ronas.*

* **Smilax divaricata** Blanco, ed. 1, 795; ed. 2, 548. Reduced by Naves to *Dioscorea myriantha* Kunth. From Blanco's description the species may be either a *Smilax* or a *Dioscorea,* but from the native names it is apparently a species of *Smilax.* T., *Obat, Camagsa obat, Hampas tagbalang* or *tigbalang.*

Flagellaria indica Linn., Blanco, ed. 2, 196.! T., *Balinguai.*

Dracaena terminalis Linn., Blanco, ed. 1, 263; ed. 2, 183 = *Cordyline terminalis* (Linn.) Kunth.! T., *Varas hari, Varas ni Jesé, Toncod obispo.*

Aloe humilis Blanco, ed. 1, 256; ed. 2, 179, non ? Linn. Reduced by Villar to *Aloe barbadensis* Mill. A cultivated species. T., *Sabila.* V., *Dilang boaya.*

Allium tricoccum Blanco, ed. 1, 239; ed. 2, 167, non Ait. Reduced by Villar to *Allium uliginosum* Don., which is cited by Hooker as a synonym of *Allium tuberosum* Roxb. T., *Cuchai.* V., *Canda.*

PONTEDERIACEÆ.

Pontederia vaginalis Blanco, ed. 1, 255; ed. 2, 178, non Linn. = *Monochoria hastaefolia* Presl.! T., *Calaboa.*

COMMELINACEÆ.

Lechea minor Blanco, ed. 1, 52; ed. 2, 35, non Linn. = *Pollia sorzogonensis* Presl.! V., *Lohod lohod.*

Commelyna polygama Blanco, ed. 1, 25; ed. 2, 18, non Roth. = *Commelina benghalensis* Linn.! T., *Alicbangon.* V., *Sabilao.* P., *Biasbias.*

Commelyna cristata Linn., Blanco, ed. 1, 231; ed. 2, 163 = *Cyanotis cristata* (Linn.) R. et S.!

Tradescantia geniculata Blanco, ed. 1, 232, non Jacq. = *Floscopa scandens* Lour.! This species is excluded from the second edition.

Tradescantia discolor Smith, Blanco, ed. 1, 232; ed. 2, 163 = *Rhaeo discolor* Hance.!

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PALMÆ.

Calamus usitatus Blanco, ed. 1, 265; ed. 2, 185 = *Daemonorops gaudichaudii* Mart.! Erroneously reduced by Naves in part to *Daemonorops rumphii* Mart., and in part to *Calamus pisicarpus* Blume, species that do not extend to the Philippines. T., *Yantoc, Oayi.*

Calamus gracilis Blanco, ed. 1, 267; ed. 2, 186, non Roxb. = *Calamus blancoi* Kunth.! Erroneously reduced by Naves to *Calamus buroensis* Mart., a species that does not extend to the Philippines. T., *Talola.*

Calamus mollis Blanco, ed. 1, 664; ed. 2, 184. A good species; *Calamus haenkeanus* Mart., is a synonym. T., *Dit-an.*

Calamus maximus Blanco, ed. 1, 266; ed. 2, 185. This is a distinct species (No. 1893 Merrill). It certainly is not a synonym of *Calamus albus* Pers., to which Naves reduces it, as the latter species is not found in the Philippines. T., *Palasan.* P., *Labni.* V., *Parasan, Calapi.* C., *Labnit, Calapi.*

Areca catechu Linn., Blanco, ed. 1, 714; ed. 2, 494.! T., V., *Bonga.* P., *Luyos.*

Areca catechu humilis Blanco, 11. cc., may be a valid variety. It is reduced by Naves to *Areca catechu* Linn., var. *pumila* Miq. T., *Mangipod, Sacsic.*

Caryota urens Blanco, ed. 1, 740; ed. 2, 510, non Linn. = *Caryota cumingii* Lodd.! T., *Taquipan, Taguipan.*

Caryota palindan Blanco, ed. 2, 513 = ORANIA PALINDAN (Blanco) (*Orania philippinensis* Scheff.). Erroneously reduced by Naves to *Orania regalis* Zipp. T., *Palindan, Barangoi.*

Caryota tremula Blanco, ed. 1, 744; ed. 2, 512. Reduced by Naves to *Wallichia tremula,* which may be correct. T., *Dumayaca.*

Caryota onusta Blanco, ed. 1, 741; ed. 2, 511 = *Arenga saccharifera* Lab.! T., *Cauon, Iroc, Pugahan.*

Corypha umbraculifera Linn., Blanco, ed. 1, 228; ed. 2, 160.! T., B., *Buri, Buli.*

Corypha minor Blanco, ed. 1, 229; ed. 2, 161, non Jacq. = *Livistona merrillii* Beccari.! Erroneously reduced by Naves in part to *Livistona rotundifolia* Mart., and in part to *L. papuana* Beccari, neither species being known from the Philippines. V., T., *Anahao.* P., *Anao, Bolong ulong.*

Cocos nucifera Linn., Blanco, ed. 1, 716; ed. 2, 495. T., I., C., *Niog.* P., *Ngongot.*

Cocos mammilaris Blanco, ed. 1, 722; ed. 2, 499. A form or variety of the preceding species reduced by Naves to the var. *lansiformis* Miq. T., *Adiavan.*

Nipa littoralis Blanco, ed. 1, 662; **Nipa fructicans** Wurmb., Blanco, ed. 2, 461. The second name is correct. T., *Nipa, Sasa.*

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PANDANACEÆ.

Pandanus spiralis Blanco, ed. 1, 777; ed. 2, 535 = *Pandanus tectorius* Soland.! T., *Pandan.*

Pandanus gracilis Blanco, ed. 1, 778; ed. 2, 536. Erroneously reduced by Naves to *Pandanus humilis* Rumph., a species that does not extend to the Philippines. A species closely related to, if not identical with *Pandanus whitfordii* Merrill, although Blanco describes his species as unbranched. Blanco's specimens were from the Tala Mountains, Province of Rizal or Bulacan, flowering in May.

Pandanus malatensis Blanco, ed. 2, 536. Reduced by Naves to *Pandanus littoralis* Jungh. Certainly a form or variety of *Pandanus tectorius* Soland.! Blanco's specimens were from Malate, a suburb of Manila, flowering in November.

* **Pandanus exaltatus** Blanco, ed. 1, 778; ed. 2, 536. Erroneously reduced by Villar to *Pandanus fascicularis* Lam. Blanco evidently includes two species in his description, one form growing in the mountains, the other on the seashore. The latter is certainly *Pandanus tectorius* Soland., what the former is can not be determined from Blanco's description. T., *Alas-as.* In the Tala Mountains, *Carahumai.*

* **Pandanus sabotan** Blanco, ed. 1, 779; ed. 2, 537. Erroneously reduced by Naves to *Pandanus dubius* Spreng. Certainly a distinct species, but known only from Blanco's description. Blanco's specimens were from the Province of Laguna. T., *Sabotan.*

Pandanus radicans Blanco, ed. 1, 780; ed. 2, 537. Reduced by Naves to *Pandanus bagea* Miq., which is a synonym of *Pandanus dubius* Spreng., and which is probably correct. *Pandanus dubius* has recently been discovered in the southern Philippines. Blanco's specimens were from Leyte. V., *Olango.*

* **Pandanus inermis** Blanco, ed. 2, 537, non Roxb. Erroneously reduced by Naves to *Pandanus moschatus* Rumph. Probably a good species, but Blanco describes the leaves only. A species from the mountains near Angat, Province of Bulacan, the leaves without spines.

* **Tillandsia pseudo-ananas** Blanco, ed. 1, 853; ed. 2, 162. Reduced by Naves to *Freycinetia insignis* Blume, a species that does not extend to the Philippines. Probably a species of this genus, but it is impossible to determine which from Blanco's description. Blanco's specimens were from Angat, Province of Bulacan, flowering in August.

ARACEÆ.

* **Batis hermaphrodita** Blanco, ed. 1, 791; ed. 2, 544. Reduced by Naves to *Pothos chapelieri* Schott., which is certainly an error, as that species is known only from Madagascar. The specimen of Vidal's collection, cited by Naves, is *Pothos scandens* Linn. Blanco's specimens were from Bauang, Province of Batangas, a scandent plant, flowering in December. T., *Apis.*

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Pothos pinnata Blanco, ed. 1, 646; ed. 2, 450, non Linn. Reduced by Naves to *Epipremnum medium* Engl., which is probably correct. Flowering in February. T., *Tibatib, Tampin banal, Malapacpac balavay.* V., *Bisaco, Tirbatib, Dibatib, Balicupcup, Daila, Garban, Tacolin, Horog.* I., *Amolong.*

Arum decurrens Blanco, ed. 1, 656; ed. 2, 457 = *Amorphophallus campanulatus* Blume.! T., *Apon, Pongapon.* I., *Carot, Corot.*

Calla gaby Blanco, ed. 1, 659; **Caladium esculentum** Blanco, ed. 2, 459 = *Colocasia antiquorum* Schott.! var. T., V., P., *Gaby, Gávay, Lagvay, Dagmay, Gandus.*

Calla badian Blanco, ed. 1, 658. Reduced by Villar to *Alocasia indica* Schott. var. *variegata* Engl., which is certainly an error. Blanco's species is certainly a form of the preceding species.! Included in the second edition only in a note following *Caladium esculentum.* T., V., *Galiang, Biga, Badiang.*

Calla maxima Blanco, ed. 1, 658; **Arum grandifolium** Blanco, ed. 2, 458 = *Alocasia indica* Schott.! T., V., P., *Biga.*

Arisaema polyphylla Blanco, ed. 1, 659; **Caladium ? digitatum** Blanco, ed. 2, 459 = ARISAEMA POLYPHYLLA (Blanco) (*Arisaema cumingii* Schott.!). Blanco's specimens were from Agoo, Province of Union.

Arum divaricatum Linn., Blanco, ed. 1, 657; ed. 2, 458. Reduced by Naves to *Typhonum divaricatum* Decaisne, which is probably correct. T., *Gabigabihan, Gabingouac.*

Pistia stratiotes Linn., Blanco, ed. 1, 651; ed. 2, 454.! T., *Quiapo.* I., *Loloan.*

LEMNACEÆ.

Lemna gibba Blanco, ed. 1, 672; ed. 2, 468, non Linn. Reduced by Naves to *Lemna oligorrhiza* Kurz, which may be correct. T., *Inalai.*

TYPHACEÆ.

Typha angustifolia Linn., Blanco, ed. 1, 687; ed. 2, 477 = *Typha angustifolia* Linn., subsp. *javanica.!* T., *Balangot.*

NAIADACEÆ.

* **Najas palustris** Blanco, ed. 1, 660; **Najas lobata** Blanco, ed. 2, 459. Reduced by Naves to *Naias tenuifolia* R. Br., which is probably an error. Probably the same as *Naias minor* All. A plant growing in stagnant fresh water, flowering in March.

CYPERACEÆ.

Kyllinga triceps Blanco, ed. 1, 34; ed. 2, 23, non Vahl. = *Kyllinga monocephala* Rottb.! T., *Muthang, Anuang.*

* **Cyperus difformis** Blanco, ed. 1, 32; ed. 2, 22, non Linn. Reduced by Naves to *Cyperus ornatus* R. Br., which is a synonym of *Cyperus procerus* Rottb., probably an error. T., *Titio, Tiquio.*

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Cyperus rotundus Linn., Blanco, ed. 1, 31; ed. 2, 21.! T. *Mutha.* V., *Botobotones.* P., *Mota, Malaapolid, Sursur, Onoran, Casung, Omadiung, Galonalpas.*

* **Carex tuberosa** Blanco, ed. 1, 35; ed. 2, 24. Reduced by Naves to *Eleocharis tuberosa* Schult., which is probably an error, at least as to the species. Blanco's specimens were from Hagonoy, Province of Bulacan, the tubers edible. T., *Potoc, Cibicibollasan, Apulid.* Sp.-Fil., *Cabezas de Negrito.*

Carex glomerata Blanco, ed. 2, 24, non Thunb. Reduced by Villar to *Fimbristylis ferruginea* Vahl., which may be correct. Blanco's specimens were from Mandaloyon, near Manila, flowering in January. T., *Apulid.*

Scirpus niloticus Blanco, ed. 1, 33; ed. 2, 23, non Gmel. = *Fimbristylis miliacea* Vahl.! T., *Agor.*

GRAMINEÆ.

* **Paspalum villosum** Blanco, ed. 1, 40; ed. 2, 28, non Thunb. Reduced by Villar to *Paspalum mollicomum* Kunth, which is a synonym of *Panicum muticum* Forsk. Blanco's description hardly applies to the latter species, which, moreover, is not definitely known from the Philippines. T., *Parag-is.*

Panicum miliaceum Blanco, ed. 1, 39; ed. 2, 28, non Linn. = *Chaetochloa italica* (Linn.) Scribn.! (*Setaria italica* Kunth.) T., *Dava.* I., *Bucacao.*

Cenchrus hexaflorus Blanco, ed. 1, 36; ed. 2, 24 = *Pennisetum macrostachyum* Brongn.! Reduced by Villar to *Pennisetum nigricans* Miq., which is a synonym of *Pennisetum compressum* R. Br. Blanco's specimens were from the Province of Batangas, flowering in June. T., *Aguingai.*

Stipa spinifex Linn., Blanco, ed. 1, 46; ed. 2, 31 = *Spinifex squarrosus* Linn.!

Spinifex squarrosus Linn., Blanco, ed. 1, 46; ed. 2, 31.!

Ægilops fluviatilis Blanco, ed. 1, 47; ed. 2, 32. Reduced by Villar to *Rottboellia muricata* Retz., which equals *Eremochloa muricata* (Retz.) Hack. Blanco's species probably is the same as *Manisuris exaltata* (Linn. f.) O. Ktze. T., *Timsim.*

Zea mays Linn., Blanco, ed. 1, 686; ed. 2, 476.! Sp.-Fil., *Maiz.*

Coix lachryma Linn., Blanco, ed. 1, 688; ed. 2, 478 = *Coix lachryma-jobi* Linn.! T., *Tigbi.*

Andropogon contortus Linn., Blanco, ed. 1, 38; ed. 2, 26 = *Heteropogon contortus* (Linn.) R. et S.!

* **Andropogon ramosus** Blanco, ed. 1, 37; ed. 2, 25, non Forsk. Reduced by Villar to *Ischaemum ciliare* Retz., which is certainly an error, at least as to the species. A species growing in the rice paddies in November, in appearance somewhat resembling wheat. T., *Tinitrigo* Sp.-Fil., *Trigo.*

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* **Andropogon schoenanthus** Blanco, ed. 1, 39; ed. 2, 27, non Linn. Considered by Villar to have been correctly identified by Blanco, but it is very doubtful if Blanco describes the Linnean species. T., *Salai, Tanglad, Paja de meca.* V., *Baliyoco.*

Andropogon nardus Blanco, ed. 1, 39; ed. 2, 27, non Linn = *Andropogon squarrosus* Linn.! *Andropogon muricatus* Retz., to which Villar reduces Blanco's species as a synonym of *Andropogon squarrosus* Linn. Sp.-Fil., *Raiz de mora, Yerva mora.*

Saccharum koenigii Blanco, ed. 1, 44; ed. 2, 30, non Retz. = *Saccharum spontaneum* Linn.! Erroneously reduced by Villar to *Imperata arundinacea* Cyr. T., V., *Cogon.* P., *Ilib, Bálili.* C., *Cogon cogon.*

Rhaphis trivialis Lour., Blanco, ed. 1, 45; **Andropogon aciculatus** Retz., Blanco, ed. 2, 26 = *Chrysopogon aciculatus* (Retz.) Trin.! T., *Amores secos, Marisicos, Mariscos.*

Holcus saccharatus Linn., Blanco, ed. 1, 47; ed. 2, 32 = *Sorghum saccharatum* (Linn.) Pers. var.! T., *Batad.*

Saccharum officinarum Linn., Blanco, ed. 1, 42; ed. 2, 29.! T., *Tubo.* Sp.-Fil., *Caña dulce.*

Anthistiria gigantea Cav., Blanco, ed. 1, 49; ed. 2, 33.!

SPECIES OF ORYZA GROWING IN WATER, LOWLAND RICE.

Oryza sativa binamban Blanco, ed. 1, 273; ed. 2 = *Oryza sativa* Linn.! T., *Binambang.*

Oryza sativa lamuyo Blanco, ed. 1, 273; ed. 2, 190 = a variety of the preceding species.! T., *Lamuyo.*

Oryza sativa glutinosa Blanco, ed. 1, 273; ed. 2, 190. Retained by Villar as a distinct species, *Oryza glutinosa* Lour. Certainly a variety of *Oryza sativa* Linn. T., *Malagquit.*

Oryza aristata Blanco, ed. 1, 274; ed. 2, 190. Reduced by Villar to **Oryza montana** Lour. Certainly a variety of *O. sativa* Linn.!

SPECIES OF ORYZA GROWING IN DRY PLACES, UPLAND RICE.

Oryza sativa praecox Blanco, ed. 1, 274; ed. 2, 190. Retained by Villar as a distinct species, *Oryza praecox* Lour. Certainly a variety of *O. sativa* Linn.! T., *Dumali.*

Oryza sativa quinanda Blanco, ed. 1, 274; ed. 2, 191 = *Oryza sativa* Linn., var.! T., *Quinanda.*

Oryza sativa pilosa Blanco, ed. 1, 275; ed. 2, 191. Retained by Villar as a distinct species, *Oryza latifolia* Desv. Certainly a variety of *Oryza sativa* Linn.! T., *Bolohan.*

Oryza sativa rubra Blanco, ed. 1, 275; ed. 2, 191 = *Oryza sativa* Linn. var. T., *Malagquit.*

Oryza sativa violacea Blanco, ed. 1, 275; ed. 2, 191 = *Oryza sativa* Linn. var.! T., *Tangi.*

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Arundo tecta Blanco, ed. 1, 48; ed. 2, 33, non Walt. = *Phragmites communis* Trin.! Reduced by Villar to *Phragmites roxburghii* Steud., which is a synonym of *Phragmites karka* Trin. T., *Tambo.*

Cyperus paniculatus Blanco, ed. 1, 32; ed. 2, 22, non aliorum = *Eragrostis tenella* R. et S.! T., *Caliraorao.*

Bambus pungens Blanco, ed. 1, 270; **Bambus arundo** Blanco, ed. 2, 188. Reduced by Villar to *Bambusa arundinacea* Willd., which is probably correct. T., *Cauayangtotoo.*

* **Bambus lima** Blanco, ed. 1, 271; ed. 2, 189. Reduced by Villar to *Bambusa longinodis* Miq., but without good reason. Plant ten to fifteen feet high. T., *Anos.*

* **Bambus textoria** Blanco, ed. 1, 270; ed. 2, 188. Reduced by Villar to *Gigantochloa ater* Kurz, but without good reason. T., *Calbang.*

Bambus diffusa Blanco, ed. 1, 269; ed. 2, 187 = DINOCHLOA DIFFUSA (Blanco). Reduced by Villar to *Schizostachyum acutiflorum* Munro. T., *Osiu, Bocavi.*

* **Bambus monogyna** Blanco, ed, 1, 286; ed. 2, 187. Reduced by Villar to *Dendrocalamus strictus* Nees, which may be correct. T., *Cauayang quiling.*

* **Bambus mitis** Blanco, ed. 1, 271; ed. 2, 188. Reduced by Villar to *Dendrocalamus sericeus* Munro, which is certainly an error. T., *Tiauanac.*

* **Bambus lumampao** Blanco, ed. 1, 272; ed. 2, 189. Reduced by Villar to *Dendrocalamus membranaceus* Munro, which is probably an error. T., *Lumampao, Bocaui.*

* **Bambus levis** Blanco, ed. 1, 272; ed. 2, 189. Reduced by Villar to *Dendrocalamus flagellifer* Munro, which is probably an error. T., *Cauayang boo.*

LYCOPODIACEÆ.

* **Lycopodium gnidioides** Blanco, ed. 1, 824; ed. 2, 569, non Linn. Reduced by Villar to *Lycopodium selago* Linn., which is certainly an error. An epiphyte. T., *Pacayomcom.*

* **Lycopodium dichotomum** Blanco, ed. 2, 570. Reduced by Villar to *Lycopodium cernuum* Linn., which is probably an error. Blanco's specimens were from plants cultivated in Manila.

MARSILEACEÆ.

* **Marsilea minuta** Blanco, ed. 1, 834; ed. 2, 577, non ? Linn. Considered by Villar to be the Linnean species, which is doubtful. Blanco's specimens were from Pasig, near Manila, and from the Province of Batangas and other places, March.

Marsilea trifolia Blanco, ed. 1, 835; ed. 2, 577. Reduced by Villar to *Pilularia globulifera* Linn., which may be correct. January.

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FILICES.

* **Myriotheca arborescens** Blanco, ed. 1, 831; ed. 2, 575. Reduced by Villar to *Cyathea integra* J. Sm. If this is correct Blanco's name is the earlier. T., *Calatondon.*

* **Adiantum falcatum** Blanco, ed. 1, 833; ed. 2, 576, non Sw. Reduced by Villar to *Lindsaya retusa* Mitten., which may be correct. Blanco's specimens were from Mandaloyon, near Manila.

* **Adiantum lancea** Blanco, ed. 1, 833; ed. 2, 576, non aliorum. Reduced by Villar to *Lindsaya ensifolia* Swartz, which may be correct.

Adiantum philippinense Blanco, ed. 1, 831; ed. 2, 575, non Linn. = *Adiantum lunulatum* Burm.! T., *Culantrillo, Lamot lamotan, Gayoman manoc, Caicai.* P., *Culantrillo.* I., *Dalipaco.*

Adiantum tenuifolium Blanco, ed. 1, 832; ed. 2, 575. Reduced by Villar to a variety of the preceding species, which is probably correct.

Adiantum lyratum Blanco, ed. 1, 832; ed. 2, 575. Reduced by Villar to *Adiantum caudatum* Linn., which may be correct.

Coenopteris quadripinnata Blanco, ed. 1, 833; ed. 2, 576 = *Onychium auratum* Kaulf.! T., *Pacong anuang, Diladila.*

* **Pteris grandifolia** Blanco, ed. 1, 829; ed. 2, 574. Reduced by Villar to *Pteris opaca* J. Sm., which may be correct. T., V., *Dagabas, Darias, Tagabas.*

Naias obvoluta Blanco, ed. 2, 460 = *Ceratopteris thalictroides* Brongn.!

* **Allantodia pinnata** Blanco, ed. 2, 571. Reduced by Villar to *Asplenium brackenridgei* Baker, which may be correct. Blanco's specimens were from Mandaloyon, near Manila, where he states that it is very common.

Hemionitis incisa Blanco, ed. 1, 829; ed. 2, 574 = *Asplenium esculentum* Presl.! T., *Paco.*

Pteris piloselloides Blanco, ed. 1, 830; ed. 2, 574. Reduced by Villar to *Nephrolepis acuta* Presl., which is probably correct.

* **Pteris trichomanoides** Blanco, ed. 1, 830; ed. 2, 574. Reduced by Villar to *Nephrodium ramosa* Moore, which is certainly an error. A foot high, growing on roofs.

* **Polypodium serratum** Blanco, ed. 1, 827; ed. 2, 572. Reduced by Villar to *Nephrodium floccigera* Moore, which may possibly be correct. Said by Blanco to be very common.

* **Pteris sinuata** Blanco, ed. 1, 830; **Polypodium adiantiforme** Blanco, ed. 2, 573. Reduced by Villar to *Nephrodium davallioides* Kunze, which may be correct. A fern three feet high.

Polypodium phymatodes Linn. Blanco, ed. 1, 827; ed. 2, 572.!

Polypodium quercifolium Linn., Blanco, ed. 1, 827; ed. 2, 572.! T., *Pacpac lauin, Paipai amo.* V., *Cabacbun, Cabcab, Cabcaban.* P., *Gona, Tibatib.* I., *Capacapa.*

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* **Polypodium signatum** Blanco, ed. 2, 572; **Pteris signata** Blanco, ed. 1, 830. Reduced by Villar to *Polypodium albo-squamatum* Blume, which must be considered as doubtful. Blanco's specimens were from Mandaloyon, near Manila.

Ugena semihastata Blanco, ed. 1, 822; ed. 2, 568. Reduced by Villar to *Lygodium dichotomum* Swartz, which is probably correct. T., *Nito.*

Ugena alba Blanco, ed. 1, 823; ed. 2, 569. Reduced by Villar to *Lygodium scandens* Swartz, which is probably correct. T., *Nitong puti.*

Helminthostachys dulcis Kaulf, Blanco, ed. 2, 596 = *Helminthostachys zeylanica* Hook.! T., *Tocorlanguit.*

* **Achrostichum simplex** Blanco, ed. 1, 826; ed. 2, 571. This species is not cited by Villar by name but from the page citations, it is the species he intends to refer to *Achrostichum latifolium* Swartz, which reference is very doubtful.

* **Achrostichum tripinnatum** Blanco, ed. 1, 826; ed. 2, 571. Reduced by Villar to *Achrostichum apiifolium* Hook., which may be correct. Blanco's specimens were from Malinta, near Manila.

Achrostichum lagolo Blanco, ed. 1, 826; ed. 2, 720 = *Achrostichum aureum* Linn.! T., *Lagolo.*

Blechnum colubrinum Blanco, ed. 1, 834; ed. 2, 576 = OLEANDRA COLUBRINA (Blanco) Copeland.! A species related to *Oleandra neriiformis* Cav., to which it was reduced by Villar. It is represented by No. 3238 Merrill. T., *Lunas.*

CELLULAR CRYPTOGAMS.

Villar makes no attempt to identify the few species of cellular cryptogams described by Blanco, but for completeness the list is here given.

* **Marchantia** ed. 1, 835; ed. 2, 577. Generic description only.

* **Tremella,** ed. 1, 837; ed. 2, 578. Generic description only.

* **Agaricus,** ed. 1, 845; ed. 2, 583. Generic description only, which also includes Polyporus. I., *Colotcolat.*

* **Sclerotium subterraneum** Blanco, ed. 1, 845; ed. 2, 584. A fungus found in the nests of the anay, white ant.

* **Fucus prolifer** Blanco, ed. 1, 838; ed. 2, 579.

* **Fucus denticulatus** Blanco, ed. 1, 839; **Fucus natans** Blanco, ed, 2, 579.

* **Fucus gulaman** Blanco, ed. 1, 839; **Fucus edulis** Blanco, ed. 2, 580. T., *Gulaman.*

* **Ulva umbilicalis** Blanco, ed. 1, 852; ed. 2, 581.

* **Ulva compressa** Blanco, ed. 1, 842; ed. 2, 581.

* **Ulva reticulata** Blanco, ed. 1, 842; ed. 2, 582.

* **Ulva intestinalis** Blanco, ed. 1, 842; ed. 2, 582.

* **Conferva littoralis** Blanco, ed. 1, 843; ed. 2, 582.

* **Conferva setosa** Blanco, ed. 1, 844; ed. 2, 582.

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UNDETERMINED SPECIES.

* **Cynomorium philippinense** Blanco, ed. 1, 665; ed. 2, 464. Blanco's specimens were from Cebu. V., T., *Capulao.*

* **Erotium lanigerum** Blanco, ed. 1, 440; ed. 2, 307. Blanco's specimens were from Cebu. V., *Hagonoi sa lasang.*

* **Kleinhovia serrata** Blanco, ed. 1, 653; ed. 2, 456. Blanco's specimens were from Pasig, Province of Rizal, a shrub or small tree, flowering in September.

* **Legnotis lanceolata** Blanco, ed. 1, 445. This species is not listed in Index Kewensis, and I have been unable to find the species in the second or third editions of the Flora de Filipinas or in the Novissima Appendix. Blanco's specimens were from Cebu, a tree flowering in February. V., *Barit.*

* **Nama jamaicensis** Blanco, ed. 1, 211; ed. 2, 148, non Linn. Perhaps Blanco's material was from some cultivated species.

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pipinnata Blanco	51	222	157	1:282	101
tripinnata Blanco	51	223	-------	-------	101
Areca catechu Linn	88	714	494	3:120	278
catechu humilis Blanco	88	716	495	3:120	278
Arethusa glutinosa Blanco	84	641	446	3:38	241
Argemone mexicana Linn	17	454	316	2:220	9
Argophyllum pinnatum Blanco	31	186	131	1:235	44
Aristolochiaceæ	72	-------	-------	-------	174
Aristolochia indica Blanco	72	282	197	1:349	174
sericea Blanco	72	282	198	1:350	174
subsagittata Blanco	72	283	197	1:350	174
Artemesia viridis Blanco	55	-------	436	3:14	117
vulgaris Linn	56	625	435	3:14	119
Artocarpus camansi Blanco	80	740	467	3:76	202
incisa L. f	80	668	465	3:75	202
integrifolia L. f	80	-------	466	3:76	203
lamellosa Blanco	80	667	465	3:74	203
maxima Blanco	80	669	-------	-------	203
odoratissima Blanco	80	671	467	3:78	203
ovata Blanco	80	666	464	3:74	203
rima Blanco	80	671	467	3:77	202

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Arum decurrens Blanco	90	656	457	3:62	289
divaricatum L	90	657	458	3:62	295
grandifolium Blanco	90	-------	458	3:63	294
Arundo tecta Blanco	93	48	33	1:60	321
Asclepiadaceæ	59	-------	-------	-------	132
Asclepias carnosa Blanco	61	208	147	1:263	135
daemia Blanco	60	208	146	1:263	133
gigantea Willd	60	207	146	1:262	133
peregrina Blanco	60	207	146	1:262	133
syriaca Blanco	60	204	144	1:261	133
Atragene zeylanica Blanco	15	461	321	2:231	2
Averrhoa bilimbi Linn	27	391	273	2:144	33
carambola Linn	26	391	274	2:145	33
pentandra Blanco	27	392	294	2:145	33
Avicennia nitida Blanco	69	504	-------	-------	162
tomentosa R. Br	69	-------	353	2:289	162
Azaola betis Blanco	57	-------	281	2:157	125
Azima nova Blanco	58	68	49	1:91	128
Baccharis indica Linn	55	627	438	3:17	116
ivæfolia Blanco	55	627	437	3:16	115
Balingayum decumbens Blanco	48	187	132	1:237	93
Bambus arundo Blanco	93	-------	188	1:335	323
diffusa Blanco	93	269	187	1:334	324
levis Blanco	93	272	189	1:337	324
lima Blanco	93	271	189	1:336	323
lumampao Blanco	93	272	189	1:338	324
mitis Blanco	93	271	188	1:336	324
monogyna Blanco	93	268	187	1:333	324
pungens Blanco	93	270	-------	-------	323
textoria Blanco	93	270	188	1:335	323
Banara brevifolia Blanco	18	426	-------	-------	12
racemosa Blanco	18	425	-------	-------	12
Barreliera cristata Blanco	66	492	344	2:273	154
prionitis Blanco	66	491	343	2:272	154
Barringtonia racemosa Blume	46	-------	373	2:325	86
speciosa Forst	46	533	373	2:325	86
stravidium Blanco	46	533	-------	-------	86
Basella lucida Linn	71	216	151	1:273	171
rubra Linn	71	215	151	1:272	171
Bassovia sylvatica Blanco	56	-------	95	1:174	122
Batis hermaphrodita Blanco	89	791	544	3:197	286
Bauhinia binata Blanco	42	331	231	2:66	72
castrata Blanco	42	331	-------	-------	73
grandiflora Blanco	42	332	231	2:67	73
purpurea Blanco	42	-------	231	2:66	73
scandens Blanco	42	332	232	2:68	72
tomentosa Blanco	42	330	230	2:65	72
Begoniaceæ	50	-------	-------	-------	98
Begonia capensis Blanco	50	724	501	3:127	98
Bergera compressa Blanco	28	360	254	2:107	36
inodora Blanco	28	361	-------	-------	37
koenigii Blanco	28	-------	254	2:108	37
ternata Blanco	28	360	254	2:108	35
Bergia serrata Blanco	19	387	-------	-------	15
Bidens bipinnata Linn	56	623	425	3:12	118
Bignoniaceæ	66	-------	-------	-------	150
Bignonia quadripinnata Blanco	66	499	349	2:283	151
spathacea Linn	66	499	-------	-------	151
Biophytum sensitivum L	26	-------	272	2:142	33
Bixaceæ	18	-------	-------	-------	12
Bixa orellana Linn	18	456	317	3:221	12
Bladhia japonica Blanco	57	126	90	1:164	123
Blechnum colubrinum Blanco	94	834	576	3:252	338
Boerhaavia diffusa Linn	70	9	6	1:11	166
Bombax ceiba Linn	24	-------	372	2:372	26
pentandrum Linn	24	531	371	2:324	26
Boraginaceæ	61	-------	-------	-------	137
Borago africana Blanco	62	-------	60	1:114	139
indica Linn	62	81	60	1:114	139
Boswellia integra Blanco	30	-------	242	2:86	41
obliqua Blanco	30	-------	243	2:87	41

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Brabejum caliculatum Blanco	75	-------	39	1:72	355
concatenatum Blanco	58	-------	40	1:73	129
lucidum Blanco	58	-------	40	1:74	129
pinnatum Blanco	58	-------	40	1:74	129
Brassica orientalis Blanco	17	519	361	2:303	10
Bromeliaceæ	86	-------	-------	-------	256
Bromelia ananas Linn	86	230	162	1:291	256
Broussonetia luzonensis Blanco	78	-------	488	3:107	198
tinctoria Blanco	80	-------	488	3:108	202
Bruguiera nemorosa Blanco	44	-------	275	2:147	79
Bryophyllum germinans Blanco	43	-------	220	2:47	78
serratum Blanco	43	-------	220	2:48	78
triangulare Blanco	43	-------	221	2:48	78
Bucida comintana Blanco	44	856	265	2:128	80
Buddleia virgata Blanco	61	57	38	1:70	136
Buginvillea racemosa Blanco	70	307	214	2:36	167
Burseraceæ	29	-------	-------	-------	40
Bursaria inermis Blanco	18	-------	124	1:222	13
Cacalia sarracenica Blanco	56	618	-------	-------	119
sonchifolia	56	618	-------	-------	120
Cactaceæ	50	-------	-------	-------	99
Cactus opuntia Blanco	50	414	288	2:171	99
pitajaya Blanco	50	-------	289	2:172	99
Caesalpinia ignota Blanco	41	336	235	2:72	70
sappan Linn	41	335	234	2:72	69
torquata Blanco	41	336	-------	-------	70
Cajanus bicolor DC	40	-------	416	2:396	66
quinquepetalus Blanco	38	-------	417	2:397	61
volubilis Blanco	40	-------	417	2:398	66
Caladium digitatum Blanco	90	-------	459	3:64	294
esculentum Blanco	90	-------	459	3:64	292
Calamus gracilis Blanco	88	267	186	1:332	275
maximus Blanco	88	266	185	1:331	276
mollis Blanco	88	264	184	1:329	275
usitatus Blanco	88	265	185	1:330	275
Calius lactescens Blanco	78	698	543	3:103	198
Calla badian Blanco	90	658-659	459	3:64	293
gaby Blanco	90	659	-------	-------	292
maxima Blanco	90	658	-------	-------	294
polyphylla Blanco	90	659	-------	-------	294
Callicarpa americana Blanco	67	517	360	2:300	158
Calophyllum apetallum Blanco	20	-------	429	2:415	17
inophyllum Linn	20	612	428	2:415	17
Calyptranthes jambolana Willd	46	418	-------	-------	86
makul Blanco	46	419	-------	-------	85
ramiflora Blanco	46	420	-------	-------	86
zuzugium Blanco	46	-------	293	2:179	85
Calytriplex obovata R. et P	65	-------	361	2:203	147
Cambogia binucao Blanco	20	434	302	2:196	16
crassifolia Blanco	20	-------	304	2:198	16
venulosa Blanco	20	435	303	2:197	16
Camellia sasanqua Blanco	21	530	371	2:322	19
Campanulaceæ	56	-------	-------	-------	-------
Canarium album Blanco	30	793	546	3:201	40
commune Blanco	30	791	-------	-------	40
pimela Blanco	30	-------	545	3:201	40
Canavalia ensiformis Blanco	39	-------	404	2:578	64
gladiata DC	39	-------	403	2:376	64
Canna indica Linn	84	6	5	1:8	229
Cansiera grossularioides Blanco	76	73	53	1:99	190
pentandra Blanco	76	73	53	1:98	190
rheedii Blanco	76	73	52	1:98	190
Canthium horridum Blume	53	-------	116	1:208	110
monoflorum Blanco	53	166	-------	-------	110
pauciflorum Blanco	53	165	-------	-------	110
pedunculare Cav	53	-------	116	1:208	110
Capparidaceæ	17	-------	-------	-------	10
Capparis baducca Blanco	18	438	-------	-------	11
linearis Blanco	18	438	305	2:200	11
mariana Jacq	18	-------	305	2:200	11
micracantha Blanco	18	-------	305	2:199	11
nemorosa Blanco	18	438	-------	-------	11

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Capparis odorata Blanco	18	439	305	2:201	11
Caprifoliaceæ	51				103
Capsicum minimum Roxb	64	133	95	1:174	145
Capura pinnata Blanco	35	264			52
purpurata Blanco	35		184	1:328	52
Cardamine glandulosa Blanco	17	521			9
impatiens Blanco	17		363	2:306	9
Cardiospermum halicacabum Linn	34	312	218	2:44	50
Carex glomerata Blanco	91		24	1:45	308
tuberosa Blanco	91	35	24	1:45	306
Carica hermaphrodita Blanco	49	803	554	3:212	95
papaya L	49	803	553	3:212	95
Carmonea heterophylla Cav	62	209	147	1:265	138
Carthamus tinctorius Linn	56	616	431	3:6	120
Caryophyllaceæ	19				14
Caryota onusta Blanco	88	741	511	3:143	280
palindan Blanco	88		513	3:145	280
tremula Blanco	88	744	512	3:144	280
urens Blanco	88	740	510	3:142	279
Casearia fuliginosa Blanco	48		262	2:123	93
Cassia alata Linn	41	339	237	2:77	70
fistula Linn	41	339	237	2:76	70
longisiliqua Blanco	41	338			70
mimosoides Linn	41	340	237	2:78	71
occidentalis Linn	41	338	236	2:75	70
sulcata Blanco	41		236	2:76	70
tora Linn	41	337	235	2:74	70
Casuarina equisetifolia Forst	81	661	460	3:67	207
Cassuvium reniforme Blanco	36	322	227	2:20	54
Cassytha filiformis L	74	321	226	2:58	182
Casuarinaceæ	81				206
Cedrela odorata Blanco	31	184	130	2:130	45
taratara Blanco	31		131	1:234	45
Cedrota guinanensis Blanco	70		213	2:33	167
Celastraceæ	32				46
Celosia argentea Linn	71	192	135	1:243	167
baccata Retz	71	193			167
bicolor Blanco	71	191			168
coccinea Blanco	71		134	1:241	167
cristata Linn	71	191			167
glauca Blanco	71		135	1:242	168
lanata Blanco	71		134	1:241	169
nana Blanco	47	192			91
Celtis lima Blanco	78	197	139	1:250	197
philippinensis Blanco	78	197	139	1:249	197
Cenchrus hexaflorus Blanco	91	36	24	1:46	313
Cephaelis expaleacea Blanco	52		103	1:189	105
Cerbera manghas Blume	58	125	89	1:161	129
thevetia Linn	58	125	89	1:162	129
Chailletiaceæ	31				45
Chenopodiaceæ	71				171
Chenopodium ambrosioides Linn	71	200	140	1:253	171
Chironia capsularis Blanco	63	102			141
lanosanthera Blanco	63		71	1:132	141
Chloranthaceæ	72				177
Chloranthus inconspicuus Blanco	72		54	1:101	177
Cicca acidissima Blanco	76	700	486	3:105	188
decandra Blanco	76	701	487	3:106	188
pentandra Blanco	76	701	486	3:105	189
Cissampelos pareira Linn	17	815	563	3:227	8
Cissus acida Roxb	33	69	50	1:94	49
alata Blanco	33		51	1:95	49
arborea Blanco	27		51	1:95	34
frutescens Blanco	27	70			34
latifolia Vahl	33		52	1:96	49
pedata Blanco	33	71	52	1:96	50
quadrangularis Linn	33	72	52	1:97	49
rubescens Blanco	33	71			49
simplex Blanco	33	72			49
vesicatoria Blanco	33		50	1:94	49
Citrus aurantium	28	609	425	2:408	37
decumana Linn	28	608	424	2:406	38

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Citrus mitis Blanco	29	610	426	2:409	37
notissima Blanco	28	607	424	2:406	37
papillaris Blanco	28	610	425	2:409	37
reticulata Blanco	28	610	425	2:408	37
torosa Blanco	28	609	425	2:407	37
Cleome alliacea Blanco	18	522			10
alliodora Blanco	18		363	2:307	10
gigantea Blanco	18		364	2:307	10
pentaphylla Blanco	18	523			10
viscosa Linn	17	522			10
Clerodendron capsulare Blanco	68	509	355	2:292	160
fortunatum Blanco	68	508	345	2:291	161
Clethra alnifolia Blanco	56		259	2:117	121
Clitorea ternatea L	40	590	412	2:391	65
Clutia stipularis Blanco	75	818	564	3:229	168
Cnestis corniculata Blanco	37	386	270	2:138	57
diffusa Blanco	36	386			56
erecta Blanco	37	287			57
glabra Blanco	37	387	271	2:138	57
polyphylla Blanco	36		270	2:137	56
trifolia Blanco	36		270	2:136	56
volubilis Blanco	36	385			56
Cocos mammilaris Blanco	88	722	499	3:123	283
nucifera Linn	88	716	495	3:123	282
Codamba blancoi Azaola	61		591	2:293	137
dichotoma Blanco	61	510	355	2:293	137
Coenopteris quadripinnata Blanco	94	833	576	3:252	331
Coffea arabica Linn	54	156	110	1:198	111
volubilis Blanco	54	157	111	1:200	111
Coix lachryma Linn	91	688	478	3:92	314
Coldenia procumbens Linn	62	74	56	1:105	138
Coleus grandifolius Blanco	69	482	336	2:258	163
pumilus Blanco	69	482	336	2:257	163
suganda Blanco	69	483	337	2:259	163
Columbia anilao Blanco	26	654	426	2:412	30
serratifolia Blanco	26		427	2:412	30
Combretaceæ	44				80
Combretum distillatorium Blanco	44	295			81
laxum Blanco	44		206	2:206	81
Commelinaceæ	87				286
Commelina polygama Blanco	87	25	18	1:34	269
Commersonia echinata Blanco	25		160	1:287	29
Comocladia serrata Blanco	32	30			47
Compositæ	54				113
Coniferæ	82				211
Conferva littoralis Blanco	95	843	582	3:262	
setosa Blanco	95	844	583	3:264	
Connaraceæ	36				56
Connarus foetens Blanco	28	525			36
santaloides Blanco	28		366	2:314	36
Convolvulaceæ					139
Convolvulus batatas Linn	62	93	68	1:129	140
boerhaavioides Blanco	63		67	1:125	143
catharticus Blanco	63	94			141
colubrinus Blanco	63		66	1:125	141
dentatus Blanco	63	89	66	1:123	142
distillatorius Blanco	63	95	70	1:130	141
hederaceus Blanco	63	90	66	1:124	142
longiflorus Spreng	63		69	1:130	141
maximus Blanco	63	91	67	1:127	141
muricatus Blanco	62	92	68	1:127	139
nil Linn	62	92	68	1:128	140
paniculatus Linn	63	96	70	1:131	142
pes-caprae Linn	62	88	65	1:123	140
pes-tigridis Linn	63	97	71	1:133	141
reniformis Roxb	63	91	67	1:126	142
repens Willd	62	92	68	1:128	140
valerianoides Blanco	63	90			143
Conyza balsamifera Linn	55	628	438	3:18	115
cappa Ham	55		438	3:18	116
dentata Blanco	55	629			117
erosa Blanco	55		439	3:19	115

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Conyza gouana Blanco	55	629			115
Cookia anisodora Blanco	28		253	2:314	36
anisum-olens Blanco	28	359			36
wampi Blanco	28	358	253	2:105	36
Corchorus acutangulus Linn	26		308	2:206	31
aestuans Blanco	26	441			31
capsularis Linn	26	442	308	2:206	31
catharticus Blanco	26	442			31
olitorius Linn	26		308	2:207	31
Cordia banalo Blanco	61	124			137
dichotoma Blanco	62	123	88	1:159	138
ignota Blanco	61		88	1:160	137
olitoria Blanco	70	123	88	1:159	167
sebestina Blanco	62	121	87	1:158	137
Coreopsis gracilis Blanco	56		591	3:25	118
Cornaceæ	51				103
Coronilla emerus Blanco	38	582			59
Corypha minor Blanco	88	229	161	1:290	282
umbraculifera Linn	88	228	160	1:290	281
Costus luteus Blanco	84	4	3	1:6	222
nigricans Blanco	84	3	3	1:5	222
Cotula quinqueloba Blanco	56	626	436	3:15	119
Cotyledon lanceolatum Blanco	43	382			78
paniculata Blanco	43	381			78
serrata Blanco	43	382			78
Crassulaceæ	43				78
Crataeva octandra Blanco	18	400	280	2:280	11
religiosa Forst	18	399	279	2:154	10
Crescentia trifolia Blanco	66	489	343	2:271	151
Crinum asiaticum Blanco	85	251	175	1:314	255
giganteum Blanco	85		175	1:315	254
Crotalaria linifolia Linn. f	37	570			57
pallida Blanco	37	570			57
pumila Blanco	37		397	2:365	57
quinquifolia Linn	37	572	398	2:267	58
Croton drupaceum Blanco	77		519	3:155	192
grandifolium Blanco	78	753	518	3:153	195
glandulosum Blanco	77	754			192
lacciferum Blanco	78	752	517	3:153	195
muricatum Blanco	77		518	3:154	192
variegatus L	77	751	517	3:152	192
Cruciferæ	17				9
Crudia spicata Blanco	41		261	2:121	71
Cucumis acutangulus Linn	49	776	534	3:179	96
luzonicus Blanco	50	861	534	3:180	98
melo Linn	50	775	534	3:179	97
Cucurbitaceæ	49				95
Cucurbita lagenaria-oblonga Blanco	49	772	531	3:175	96
lagenaria-villosa Blanco	49	772	532	3:175	96
pepo-aspera Blanco	49	773	532	3:176	96
sulcata Blanco	50	773	532	3:177	97
Cupania spinosa Blanco	32	184	204	2:17	47
Cupuliferæ	81				207
Curcuma longa Linn	83	5	4	1:6	221
Cycadaceæ	82				212
Cycas circinalis Linn	82	745	513	3:146	212
Cylista piscatoria Blanco	37	589			59
Cynanchum hirtum Blanco	60	203	143	1:258	134
tenellum Blanco	60	204	143	1:258	134
viminale Blanco	60	203	143	1:257	133
Cynomorium philippinense Blanco	96	665	464	3:72	356
Cyperaceæ	90				299
Cyperus difformis	80	32	22	1:41	303
paniculatus Blanco	93	32	22	1:42	322
rotundus Blanco	91	31	26	1:40	304
Cypripedium bulbosum Blanco	84	637	444	3:33	242
Cyrtandra aristata Blanco	65		13	1:24	150
glaberrima Blanco	65		12	1:23	149
personata Blanco	65		13	1:25	148
quinquestila Blanco	36		269	2:135	55
Cytinaceæ	72				174
Cytisus cajan Linn	40	597			66

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Cytisus quinquepetalus Blanco	38	598			61
volubilis Blanco	40	599			66
Dais laurifolia Blanco	74	375	263	2:125	183
Dalea alopecuroides Blanco	37		389	2;351	58
Dapne aquilaria Blanco	74	310	216	2:39	182
foetida Blanco	74	308	214	2:37	182
indica Linn	74	309	215	2:38	182
Datura fastuosa Linn	64	100	73	1:136	145
metel Blanco	64	98	72	1:136	145
Daucus anisodorus Blanco	50		150	1:269	101
Deeringia celosioides R. Br	71		135	1:244	167
Delima aspera Blanco	15	429	299	2:191	2
Dendrobium teres Blanco	84	638			242
teretifolium Blanco	84		444	3:34	242
Dentella repens Forst	52	146	103	1:190	106
Desmodium diversifolium Blanco	38		408	2:384	62
gangeticum Blanco	38		408	2:384	62
parvifolium Blanco	38		408	2:386	62
spirale DC	38		408	2:385	61
Dianthera americana Blanco	67	16	12	1:22	155
ciliata Blanco	67		12	1:22	155
subserrata Blanco	67	16	11	1:22	155
Dicerma pulchellum DC	38		407	2:383	61
Diceros stoloniferus Blanco	64		349	2:282	147
Dilleniaceæ	15				2
Dillenia indica Blanco	15	427			3
speciosa Blanco	15		329	2:244	3
Dioscoreaceae	86				258
Dioscorea alata Linn	86	799	550	3:207	259
bolojonica Blanco	39	800	551	3:208	64
divaricata Blanco	86	797	550	3:206	258
papillaris Blanco	86	801	552	3:210	260
pentaphylla Linn	86	802	552	3:210	259
sativa Blanco	87		551	3:209	260
triphylla Blanco	86	799	551	3:208	260
tugui Blanco	87	800			260
Diosma serrata Blanco	32	168	119	1:213	46
Diospyros biflora Blanco	57	303	210	2:28	126
embryopteris Blanco	58		209	2:28	127
kaki Blanco	57, 58	302	211	2:29	126, 127
lotus Blanco	57	210		2:29	126
multiflora Blanco	57	303			126
nigra Blanco	58		211	2:30	127
pilosanthera Blanco	57	304	211	2:31	126
Dipterocarpaceae	21				20
Dipterocarpus grandiflorus Blanco	21		314	2:218	20
guiso Blanco	22		313	2:215	21
malaanonan Blanco	22		312	2:214	21
mangachapoi Blanco	22		313	2:216	21
mayapis Blanco	21		313	2:215	20
palosapis Blanco	22		312	2:214	21
plagatus Blanco	22		311	2:212	21
polyspermus Blanco	22		312	2:213	21
thurifer Blanco	22		310	2:212	20
vernicifluus Blanco	21		314	2:217	20
Dodonaea angustifolia Linn	35	312	217	2:40	54
Dolichos acinaciformis Blanco	39	578			64
echinulatus Blanco	40		401	2:373	65
ensiformis Linn	39	577			64
repens Blanco	39	577	402	2:373	65
sesquipedalis Blanco	40		402	2:375	65
sinensis Linn	40	575			65
tetragonolobus Linn	40	576	402	2:402	66
trilobus Blanco	39		403	2:375	65
Dombeya biserrata Blanco	25		244	2:90	28
decandra Blanco	25	349			28
Dorstenia pubescens Blanco	80	692	481	3:98	204
Dracaena terminalis Linn	87	263	183	1:328	265
Droseraceæ	43				78
Drosera hexagynia Blanco	43	226	159	1:286	78
Ebenaceæ	57				126
Echites caudata Blanco	59	106	77	1:143	131

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Echites procumbens Blanco	59		78	1:145	130
repens Blanco	59	109			130
scholaris Linn	59	106	77	1:144	129
trifida Blanco	59	109	79	1:146	129
spiralis Blanco	59	110	79	1:146	130
Ehretia beurreria Blanco	62	127	91	1:166	138
virgata Blanco	62	127	90	1:165	138
Elaeagnaceæ	74				183
Elaeagnus angustifolia Blanco	74	74	53	1:100	183
Elaeocarpus integrifolius Blanco	32		306	2:202	45
sylvestris Blanco	26		306	2:203	31
Elatineacæ	19				15
Elcana seminuda Blanco	58		584	3:267	129
Elephantopus dubius Blanco	55		442	3:28	114
scaber Linn	54	634	441	3:27	114
serratus Blanco	55	635	442	3:28	114
Elytraria amara Blanco	66		8	1:15	152
Emelia sonchifolia DC	56	432	432	3:8	120
Enrila dichotoma Blanco	32	709			48
Entada pursaetha DC	42		247	2:96	73
Eperua decandra Blanco	41	368	259	2:118	72
falcata Blanco	41	369			72
rhomboidea Blanco	41		261	2:119	72
Epidendrum equitans Blanco	84	645	449	3:44	236
lineare Blanco	84	644	449	3:44	238
vanilla Blanco	85	643			248
Ericaceæ	56				121
Erotium lanigerum Blanco	96	440	307	2:205	356
Erythrina caffra Blanco	39		394	2:360	63
carnea Blanco	39	564	393	2:359	63
picta Blanco	39	565			63
Eugenia bauanguica Blanco	46	418	290	2:174	85
cauliflora Blanco	46		291	2:177	86
glandulosa Blanco	46	417	291	2:176	86
jambos Blanco	45	416	290	2:175	84
lobas Blanco	46	857			86
malaccensis Blanco	45	415	290	2:173	84
mananquil Blanco	45		290	2:174	84
montana Blanco	45	418	291	2:175	84
Eupatorium ayapana Vent	55	619	432	3:9	114
Euphorbiaceæ	75				185
Euphorbia capitata Lam	75	411			186
dulcis Blanco	75	412	287	2:167	185
hirta L	75		286	2:166	186
parannaquensis Blanco	75		286	2:165	186
pentagona Blanco	75	413	287	2:168	186
tirucalli L	75	412	287	2:167	186
Euphoria cubili Blanco	35	287	200	2:10	52
didyma Blanco	35	288	201	2:10	53
litchi Blanco	35	285	199	2:8	53
nephelium Blanco	22		200	2:9	348
annularis Blanco	34	285	199	2:7	52
malaanonan Blanco	22	289			348
Evodia bintoco Blanco	27		50	1:93	34
triphylla DC	27		50	1:91	34
Evolvulus linifolius Linn	63	221	156	1:280	142
Exacum albens Blanco	61	58	39	1:71	136
Excaecaria agallocha Blanco	78	786	541	3:193	197
laevis Blanco	78	788	543	3:194	196
sicca Blanco	77	787	542	3:193	194
Exostemma philippicum Blanco	52		113	1:203	105
Fagara decandra Blanco	36	66	48	1:89	55
octandra Blanco	27	67	48	1:90	34
piperita Blanco	27	64	47	1:87	34
pterota Blanco	27	66	47	1:88	34
Fagraea scholaris Blanco	61		93	1:171	136
Fagus philippensis Blanco	81		503	3:132	210
Feronia ternata Blanco	28		252	2:104	38
Ficoideæ	50				99
Ficus argentea Blanco	79	681	473	3:84	200
aspera Blanco	79	676	471	3:82	200
aspera nota Blanco	79	677			201

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Ficus aspera volubilis Blanco	79	676	472	3:82	201
dicarpa Blanco	79	682			200
glomerata Blanco	79	682	475	3:87	201
hauili Blanco	79	684			202
heterophylla Blanco	79	685	476	3:89	200
hispida Blanco	79	685	476	3:88	200
hispida hastata Blanco	79	685	476	3:89	200
hispida linearis Blanco	79	685	476	3:88	200
hispida odorata Blanco	79	686	476	3:89	200
indica Linn	78	681	473	3:85	199
laccifera Blanco	80	673	468	3:80	202
laevigata Blanco	79	682	474	3:86	202
laurifolia Blanco	79		475	3:87	202
nepalensis Blanco	79		474	3:85	200
payapa Blanco	79	683	475	3:86	199
pseudopalma Blanco	80	680	473	3:84	202
rostrata Blanco	79	679	472	3:83	201
scabra Blanco	79		471	3:81	201
Filices	94				326
Fissilia psittacorum Blanco	32	28	20	1:38	45
Flacourtia corollata Blanco	18		559	3:220	12
parvifolia Blanco	18		560	3:220	12
Flagellaria indica Linn	87		196	1:347	263
Fucus denticulatus Blanco	95	839			
edulis Blanco	95		580	3:259	
gulaman Blanco	95	839			
natans Blanco	95		579	3:259	
prolifer Blanco	95	838	579	3:259	
Fusanus parasitus Blanco	75		53	1:100	184
Galactia terminiflora Blanco	37		411	2:390	59
Galedupa frutescens Blanco	40	559	391	2:354	68
maculata Blanco	40	559	390	2:353	68
pungam Blanco	38	558	390	2:352	59
Gentianaceæ	61				136
Geraniaceæ	26				32
Geruma subtrilobata Blanco	25	182	130	1:232	28
Gesneriaceæ	65				150
Gethyllis acaulis Blanco	85	260	181	1:324	253
Gimbernatia calamansanay Blanco	44		266	2:129	80
Glinus leptoides Linn	50	413	288	2:169	100
Gluta orgyalis Blanco	75		451	3:49	187
Glycine lucida Blanco	40	578			66
Gmelina asiatica Blanco	68	492	344	2:274	159
inermis Blanco	68	493	345	2:274	159
Gnaphalium dichotomum Blanco	55		439	3:20	116
Gnetaceæ	82				210
Gnetum gnemon Linn	82	747	514	3:147	210
Gnidia oppositifolia Blanco	45	299	208	2:25	351
Goodeniaceæ	56				120
Gomphrena globosa Linn	71	198	139	1:251	170
volubilis Blanco	71	199	140	1:252	172
Gordonia polysperma Blanco	48	549	384	2:342	94
Gossypium herbaceum Linn	24	534	374	2:329	25
paniculatum Blanco	24	539	378	2:331	25
perenne Blanco	24	537	376	2:330	26
religiosum Linn	24		376	2:329	25
Gouania domingensis Blanco	33	196	138	1:248	49
Gramineæ	91				310
Gratiola hyssipioides Blanco	65	11	8	1:16	149
Grewia mallococca Blanco	26		310	2:209	30
multiflora Blanco	26		309	2:209	30
serrata Blanco	26	444			30
Gronovia ternata Blanco	45	187	132	1:236	81
Guaiacum abilo Blanco	30	364			40
Guettarda jazminiflora Blanco	51	722			103
polyandra Blanco	58		500	3:126	127
speciosa Blanco	51		499	3:124	103
vermicularis Blanco	21	723	500	3:125	18
Guilandina bonducella Linn	41	343	239	2:81	69
nuga Linn	41	344	240	2:81	69
Guttiferæ	20				16
Gyrocarpus lobatus Blanco	45		54	1:103	82

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Gyrocarpus pendulos Blanco	81	------	55	1:104	206
Haemanthus pubescens Blanco	85	253	------	------	254
Halesia ternata Blanco	45	399	279	2:153	81
Hedysarum pulchellum Linn	38	581	------	------	61
vespertilionis Linn	38	581	407	2:382	60
Helianthemum triflorum Blanco	21	------	309	2:208	19
Helicteres apetala Blanco	24	383	------	------	27
pinnata Blanco	36	384	------	------	55
Heliotropium parviflorum Blanco	62	80	59	1:113	139
Helminthostachys dulcis Kaulf	95	------	596	3:254	345
Hemionitis incisa Blanco	94	829	574	3:246	334
Hernandia sonora Blanco	74	689	478	3:93	182
Heritiera tinctoria Blanco	24	653	456	3:59	27
Hibiscus abelmoschus Linn	23	545	380	2:335	24
batacensis Blanco	23	544	380	2:334	24
bifurcatus Blanco	23	545	380	2:334	24
mutabilis Linn	23	546	381	2:336	25
populneus Linn	23	544	------	------	25
rosa-sinensis Linn	23	543	379	2:333	24
tiliaceus Linn	23	541	379	2:332	24
Hillia longiflora Blanco	75	235	165	1:297	184
Hippocratea volubilis Blanco	32	27	20	1:27	47
Hippocrepis comosa Blanco	38	584	------	------	62
humilis Blanco	38	585	------	------	62
multisiliquosa Blanco	38	584	------	------	62
rhomboidea Blanco	38	585	------	------	61
Hiraea reclinata Blanco	26	378	------	------	32
Holcus saccharatus Linn	92	47	32	1:58	317
Hoya carnosa Blanco	60	------	142	1:257	135
Hydnocarpus polyandra Blanco	18	------	545	3:200	13
Hydrocharideæ	82	------	------	------	213
Hydrocotyle asiatica Linn	50	212	149	1:268	100
monopetala Blanco	65	213	------	------	150
Hydrolea arayatensis Blanco	61	211	------	------	137
zeylanica Vahl	61	------	148	1:266	137
Hydrophyllaceæ	61	------	------	------	137
Hypericaceæ	19	------	------	------	15
Hypericum aegyptium Blanco	20	615	430	2:418	16
olympicum Blanco	19	613	429	2:416	16
pentandrum Blanco	25	614	430	2:417	29
Icica abilo Blanco	30	------	256	2:113	40
Ignatia amara Linn. f	61	82	------	------	136
Illecebrum lanatum L	71	190	------	------	169
Impatiens triflora Blanco	27	636	443	3:32	33
Indigofera angustifolia Blanco	37	596	415	2:394	58
argentea Blanco	37	------	415	2:394	58
hirsuta Blanco	37	591	------	------	59
senegalensis Blanco	37	------	415	2:392	59
tinctoria Blanco	37	591	413	2:393	58
Inga lanceolata Blanco	43	------	370	2:322	75
Ipomoea hepaticifolia Blanco	63	------	72	1:134	142
quamoclit Linn	62	97	72	1:134	140
Iridaceæ	85	------	------	------	252
Ixora arborea Blanco	54	61	42	1:78	110
coccinea Linn	54	59	41	1:76	110
glandulosa Blanco	53	61	42	1:78	110
manila Blanco	53	60	42	1:77	109
Jatropha curcas L	76	759	522	3:160	191
janipha Blanco, non L	76	758	521	3:159	191
manihot Linn	77	760	522	3:160	193
Juglandaceæ	81	------	------	------	206
Jussiaea erecta Blanco	48	365	257	2:114	92
inclinata Blanco	48	366	------	------	92
fluviatilis Blanco	48	------	257	2:114	92
Justicia dalaora Blanco	67	14	10	1:10	155
ecbolium Blanco	67	13	10	1:18	156
gendarussa Blanco	67	14	10	1:19	154
nasuta Linn	67	14	10	1:19	156
picta Linn	67	12	9	1:18	156
viridis Blanco	67	15	11	1:21	157
Kadsura blancoi Azaola	15	------	594	3:118	4
Kaempferia rotunda Blanco	84	5	4	1:7	223

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Kirganelia alba Blanco	75	713	494	3:117	188
nigrescens Blanco	76	712	493	3:115	188
pumila Blanco	76	712	493	3:117	189
triandra Blanco	75	711	492	3:115	187
villosa Blanco	75	712	493	3:115	188
Kleinhovia hospita Linn	24	652	455	3:58	27
serrata Blanco	96	653	456	3:58	356
Knautia sagittata Blanco	55	54	36	1:67	114
Koelreuteria arborea Blanco	34	------	202	2:13	50
edulis	35	------	202	2:13	52
Kyllingia triceps Blanco	90	34	23	1:44	300
Kyrtandra aristata Blanco	65	18	------	------	150
capsularis Blanco	65	17	------	------	149
personata Blanco	65	18	------	------	148
serrata Blanco	65	18	------	------	149
Labiatæ	69	------	------	------	162
Lablab cultratus DC	40	------	405	2:379	66
Lagerstroemia indica L	47	454	316	2:219	91
Lansium domesticum Rumph	31	------	228	2:62	43
Lantana viburnoides Blanco	67	------	345	2:275	157
Lauraceæ	73	------	------	------	178
Laurus cassia Blanco	73	317	223	2:53	179
cinnamomum Blanco	73	319	225	2:57	179
culilaban Blanco	73	316	222	2:51	179
hexandra Blanco	74	------	222	2:52	181
lanosa Blanco	74	318	224	2:54	181
martinicensis Blanco	73	317	223	2:53	179
persea L	73	------	224	2:56	180
serrata Blanco	48	319	224	2:55	93
Lawsonia inermis Roxb	47	294	206	2:21	91
Lechea minor Blanco	87	52	35	1:65	269
Leea aculeata Blanco	34	------	127	1:227	50
sambucina Blanco	33	------	126	1:226	50
Legazpia triptera Blanco	65	------	339	2:264	148
Legnotis lanceolata Blanco	96	445	------	------	------
Leguminosæ	37	------	------	------	57
Lemnaceæ	90	------	------	------	296
Lemna gibba Blanco	90	672	468	3:78	296
Ligustrum quadriloculare Blanco	69	10	7	1:14	161
Liliaceæ	87	------	------	------	261
Limonia corymbosa Blanco	28	------	251	2:102	37
disticha Blanco	28	356	------	2:102	37
glutinosa Blanco	28	358	------	------	38
laureola Blanco	19	------	251	2:101	14
linearis Blanco	28	357	------	------	37
monophylla Linn	28	------	252	2:103	37
trifoliata Linn	28	357	252	2:103	37
Liparia badocana Blanco	37	597	------	------	58
Litsea luzonica Blanco	69	------	284	2:162	162
Llanosia toquian Blanco	21	------	319	2:225	19
Loganiaceæ	61	------	------	------	135
Lonicera symphoricarpos Blanco	74	161	------	------	184
Loranthaceæ	74	------	------	------	183
Loranthus pauciflorus Blanco	74	235	------	------	184
philippinensis Cham and Schlecht	74	------	164	1:296	183
tomentosus Blanco	74	------	164	1:296	184
Lumanaja fluviatilis Blanco	78	821	568	3:236	196
Lunasia amara Blanco	27	783	------	3:191	35
Lupinus angustifolius Blanco	38	566	------	------	60
Lycopodiaceæ	93	------	------	------	325
Lycopodium dichotomum Blanco	93	------	576	3:240	325
gnidioides Blanco	83	824	569	3:239	325
Lythraceæ	47	------	------	------	90
Macanea arborea Blanco	16	431	------	------	6
Maesa membranacea Blanco	57	------	590	1:164	122
Magnoliaceæ	15	------	------	------	3
Magnolia angatensis Blanco	15	859	328	2:243	3
Malaisia tortuosa Blanco	78	789	543	3:196	198
Malesherbia globosa Blanco	43	------	454	3:54	351
Mallococca parva Blanco	26	443	------	------	30
Malphigiaceæ	26	------	------	------	32
Malvaceæ	23	------	------	------	22

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Malva coromandeliana Blanco	23	551			22
luzonica Blanco	23		385	2:385	22
moschata Blanco	26	550	235	2:344	32
Mamboga capitata Blanco	52	140			105
Mangifera altissima Blanco	35	181	129	1:230	54
anisodota Blanco	35		129	1:229	54
indica Linn	35	179	127	1:229	54
pinnata Blanco	36	129		1:231	54
rostrata Blanco	35		129	1:231	54
Manungala pendula Blanco	29	306			39
Maranta arundinacea Blanco	84	7	5	1:9	228
Marchantia	95	835	577	3:256	
Marrubium indicum Blanco	69	477	332	2:250	164
Marsdena parasita Blanco	61	120	86	1:156	135
akkar Blanco	60	118	85	1:155	134
tagudina Blanco	60	121	86	1:157	134
Marsileaceæ	93				326
Marsilea minuta Blanco	93	834	577	3:253	326
trifolia Blanco	93	835	577	3:254	326
Matricaria chamomilla Blanco	56	631	440	3:22	119
Melaleuca grandiflora Blanco	24	615			26
Melastomataceæ	46				87
Melastoma aspera Blanco	46	368			87
dodecandra Blanco	47		258	2:116	87
malabarica Blanco	47	367	258	2:115	88
obvoluta Blanco	46		259	2:117	87
tamonea Blanco	47	367			87
Meliaceæ	30				41
Melia azedarach Blanco	30	345			41
composita Blanco	30		241	2:84	41
iloilo Blanco	31		241	2:85	44
Melicocca triptera Blanco	35		208	2:16	53
Melicope conferta Blanco	28		205	2:19	35
tetandra Blanco	27	293			34
Mallococca crenata Blanco	26	442			30
Melochia arborea Blanco	25	524	365	2:311	29
supina Linn	25	524	356	2:311	28
Memecylon lanceolatum Blanco	47	301	209	2:26	90
parviflorum Blanco	47	300			90
tinctorium Blanco	47		208	2:26	90
Menais mollis Blanco	62	139	99	1:182	138
Menispermaceæ	17				7
Menispermum cocculus Linn	17	809	557	3:216	8
rimosum Blanco	17	810	558	3:217	7
Mentha auricularia Blanco	70		332	2:250	164
cablin Blanco	70	472			164
crispa Blanco	70	474	330	2:246	164
Menyanthes indica Bory	61	87	63	1:118	137
Metrosideros pictapetala Blanco	45		295	2:183	82
Mezoneurum procumbens Blanco	41		235	2:73	70
Michelia champaca Linn	15	462	322	2:232	4
Millingtonia pinnata Blanco	66	501	351	2:285	151
quadripinnata Blanco	66	501	351	2:286	151
Mimosa acle Blanco	42	738	509	3:140	73
asperata Blanco	42	732	505	3:134	74
carisquis Blanco	43	734	507	3:137	75
coriaria Blanco	42	734	506	3:136	75
scutifera Blanco	43	735	507	3:138	75
farnesiana Linn	42	729	504	3:155	74
lebbek Blanco	42	733	506	3:135	75
membranulacea Blanco	41	739			70
peregrina Blanco	42	737	509	3:139	74
punctata Blanco	42		508	3:139	73
quadrivalvis Blanco	42	732	506	3:135	74
tenuifolia Blanco	42	739	510	3:141	74
unguis-cati Blanco	43	731			75
virgata Blanco	42	737			73
Mimulus violaceus Blanco	65		357	2:290	148
Mimusops talosan Blanco	25	284	198	2:6	28
Mirabilis longiflora Blanco	70	77	57	1:109	166
Miroxylum dicline Blanco	18	813			13
Mocanera grandiflora Blanco	21	451			20

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Mocanera guiso Blanco	22	449	-------	-------	21
malaanonan Blanco	22	858	-------	-------	21
mangachapoi Blanco	22	450	-------	-------	21
mayapis Blanco	21	449	-------	-------	20
plagata Blanco	22	447	-------	-------	21
polysperma Blanco	22	448	-------	-------	21
thurifera Blanco	22	446	-------	-------	20
vernicifluua Blanco	21	450	-------	-------	20
Modecca coccinea Blanco	49	-------	453	3:53	95
parviflora Blanco	48	-------	453	3:52	95
saponaria Blanco	49	-------	453	3:53	95
triloba Blanco	49	-------	452	3:52	95
Mogorium aculeatum Blanco	58	9	7	1:13	128
Molinaea arborea Blanco	34	292	204	2:18	51
Mollugo stricta Linn	50	52	35	1:64	100
subserrata Blanco	50	51	34	1:63	100
Momordica balsamina Linn	49	768	529	3:271	97
cylindrica Blanco	49	769	530	3:271	97
operculata Blanco	49	770	530	3:173	96
sphaeroidea Blanco	49	771	531	3:174	97
Monodora myristica Blanco	16	-------	300	2:193	6
Morinda citrifolia Blanco	54	149	-------	-------	111
ligulata Blanco	54	-------	105	1:196	111
litoralis Blanco	54	-------	109	1:197	111
royoc Blanco	54	148	105	1:193	111
umbellata Blanco	54	-------	110	1:197	111
Moringaceæ	36	-------	-------	-------	56
Moringa oleifera Lam	36	341	238	2:80	56
Morus alba Linn	78	705	489	3:109	199
luzonica Blanco	78	703	-------	-------	198
tinctoria Blanco	80	704	-------	-------	202
Moschosma tenuiflorum Blanco	69	481	335	2:255	163
Munchausia speciosa Linn	47	611	427	2:413	91
Murraya cerassiformis Blanco	28	363	-------	-------	35
exotica Blanco	28	-------	255	2:110	35
lobata Blanco	28	363	256	2:111	35
odorata Blanco	28	-------	256	2:111	38
Musa paradisiaca Linn	82	239	168	1:303	215
cinerea Blanco	83	250	175	1:313	215
compressa Blanco	83	240	168	1:304	216
glaberrina Blanco	83	245	171	1:308	218
glauca Blanco	83	250	175	1:312	216
lacatan Blanco	83	243	170	1:305	216
longa Blanco	83	245	171	1:308	217
magna Blanco	83	244	171	1:307	217
maxima Blanco	83	245	171	1:308	217
pumila Blanco	83	244	171	1:306	216
subrubea Blanco	83	242	171	1:307	217
suaveolens Blanco	83	244	171	1:306	216
ternatensis Blanco	83	243	170	1:305	217
tombak Blanco	83	246	171	1:309	217
ulnaris Blanco	83	246	172	1:309	217
violacea Blanco	83	245	171	1:307	216
troglodytarum Linn	83	246	172	1:310	218
dolioliformis Blanco	83	855	174	1:312	218
errans Blanco	83	247	172	1:310	218
textoria Blanco	83	247	173	1:311	218
Mussaenda frondosa Blanco	53	167	118	1:211	107
Myriotheca arborescens Blanco	94	831	575	3:248	326
Myristicaceæ	73	-------	-------	-------	177
Myristica luzonica Blanco	73	664	462	3:69	177
Myrsinaceæ	56	-------	-------	-------	122
Myrtaceæ	45	-------	-------	-------	82
Myrtus communis Blanco	45	422	295	2:182	84
mananquil Blanco	45	421	-------	-------	84
subrubens Blanco	46	-------	294	2:182	85
tripinnata Blanco	46	421	-------	-------	85
Naiadaceæ	90	-------	-------	-------	297
Naias lobata Blanco	90	-------	459	3:65	298
obvoluta Blanco	94	-------	460	3:66	332
palustris Blanco	90	660	-------	-------	297
Nama jamaicensis Blanco	96	211	148	1:266	356

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Napaea latifolia Blanco	23	-------	387	2:346	23
scabra Blanco	23	553	386	2:346	23
Nauclea adina Blanco	52	-------	102	1:188	104
calycina Blanco	52	-------	101	1:186	105
digitata Blanco	51	-------	102	1:188	102
glaberrima Blanco	52	-------	100	1:141	104
glabra Blanco	52	-------	101	1:185	104
glandulosa Blanco	52	143	-------	-------	104
lanceolata Blanco	52	144	-------	-------	105
latifolia Blanco	52	144	-------	-------	105
lutea Blanco	52	141	-------	-------	104
luzonensis Blanco	52	-------	102	1:187	105
obtusa Blanco	52	-------	101	1:187	105
Negretia mitis Blanco	39	588	410	2:388	63
pruriens Blanco	38	-------	411	2:389	63
urens Blanco	38	586	409	2:387	63
Nelumbium speciosum Willd	17	-------	318	2:223	9
turbinatum Blanco	17	458	-------	-------	9
Nepenthaceæ	72	-------	-------	-------	173
Nepenthes alata Blanco	72	805	555	3:214	173
ventricosa Blanco	72	807	556	3:215	173
Nerium oleander Lour	59	104	75	1:140	131
Nicotiana frutescens Blanco	64	101	-------	-------	146
fruticosa Blanco	64	-------	74	1:138	146
pusilla Blanco	64	100	74	1:137	146
tabacum Linn	64	101	74	1:138	146
Niota globosa Blanco	77	-------	214	2:35	193
tetrapetala Lam	29	-------	213	2:35	38
Nipa fructicans Wurmb	88	-------	461	3:68	284
littoralis Blanco	88	662	-------	-------	284
Nyctaginaceæ	70	-------	-------	-------	166
Nyctanthes sambac Linn	58	10	6	1:12	127
Nymphaeaceæ	17	-------	-------	-------	9
Nymphaea lotus Linn	17	456	317	2:222	89
Ochnaceæ	29	-------	-------	-------	39
Ochna fascicularis Blanco	29	-------	245	2:92	40
Ocymum album Blanco	69	479	-------	-------	162
americanum Blanco	69	480	335	2:254	162
citrodorum Blanco	69	-------	591	2:256	162
flexuosum Blanco	69	481	335	2:255	162
sanctum Linn	69	480	334	2:254	162
virgatum Blanco	69	-------	334	2:253	162
Olacaceæ	32	-------	-------	-------	45
Olax baticulin Blanco	74	-------	589	1:38	181
Oldenlandia capensis Blanco	52	62	45	1:82	107
affinis Blanco	52	-------	44	1:83	107
paniculata Linn	52	61	44	1:82	107
Oleaceæ	58	-------	-------	-------	127
Omphalobium pictum Blanco	37	-------	271	2:139	57
Onagraceæ	48	-------	-------	-------	92
Ophiorrhiza oblongifolia DC	53	-------	65	1:121	107
triandrum Blanco	65	-------	65	1:122	150
Ophrys cernua Blanco	85	639	445	3:35	245
Orchidaceæ	84	-------	-------	-------	229
Orchis lanigera Blanco	84	641	446	3:37	239
Orixa ternata Blanco	27	62	45	1:84	34
Ormosia calavensis Blanco	41	-------	230	2:64	69
Ornitrophe triandra Blanco	35	291	-------	-------	52
Orobanchaceæ	65	-------	-------	-------	149
Oryza sativa aristata Blanco	92	274	190	1:339	319
binambang Blanco	82	273	189	1:338	318
glutinosa Blanco	92	273	190	1:339	319
lamuyo Blanco	92	273	190	1:339	318
pilosa Blanco	92	275	191	1:341	319
praecox Blanco	92	274	190	1:340	319
quinanda Blanco	92	274	191	1:340	318
rubra Blanco	92	285	191	1:341	319
violacea Blanco	92	275	191	1:343	319
Osbeckia chinensis L	46	-------	205	2:20	87
multiflora Blanco	46	298	-------	-------	87
Ottelia alismoides Pers	82	461	321	2:230	213
ensiformis Blanco	82	460	320	2:229	224

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Oxalis acetosella Blanco	27	388	272	2:141	32
sensitiva Blanco	27	389			33
Pachyrhizus angulatus Rich	40		405	2:380	65
jicamas Blanco	40	579			65
montanus Blanco	39		406	2:381	64
teres Blanco	39	580			64
Paederia foetida Blanco	54	159	112	1:201	112
tacpo Blanco	54	160	113	1:202	112
Palaquium lanceolatum Blanco	57	403	282	2:159	124
latifolium Blanco	57	405	282	2:159	124
oleiferum Blanco	57	405	283	2:160	125
Paliurus dao Blanco	36	174	122	1:219	56
dubius Blanco	29	175	123	1:121	39
edulis Blanco	36	173			56
lamio Blanco	36		122	1:218	56
perforatus Blanco	29	174	122	1:220	39
Palmæ	88				278
Panax fruticosa Blanco	51		156	1:281	101
Pancratium amboinense Linn	86	252	177	1:317	256
illyricum Blanco	86	251	176	1:315	256
maritimun Blanco	86	252	177	1:316	256
zeylanicum Linn	86	253	177	1:317	256
Pandanaceæ	89				284
Pandanus exaltatus Blanco	89	778	536	3:183	284
gracilis Blanco	89	778	536	3:182	285
inermis Blanco	89		537	3:184	285
malatensis Blanco	89		536	3:182	284
radicans Blanco	89	780	537	3:184	285
sabotan Blanco	89	779	537	3:183	285
spiralis Blanco	89	777	535	3:181	284
Panicum miliaceum Blanco	91	39	28	1:52	312
Papaveraceæ	17				9
Paratropia crassa Blanco	51		158	1:285	102
obtusa Blanco	51		159	1:285	102
Paspalum villosum Blanco	91	40	28	1:53	310
Passifloraceæ	48				95
Passiflora coccinea Blanco	49	650			95
minima Blanco	48	647			95
parviflora Blanco	48	649			95
saponaria Blanco	49	650			95
serrulata Jacq	48		452	3:50	95
zucca Blanco	49	648			95
Pavetta membranacea Blanco	54	59			111
sumbucina Blanco	54		41	1:75	111
Pedaliaceæ	66				152
Pemphis setosa Blanco	47	410	285	2:164	91
Pentapetes cebuana Blanco	25	529	369	2:319	28
coccinea Blanco	25	529			28
Perdicium tomentosum Blanco	55	630	439	3:21	115
Pergularia glabra Blanco	60		141	1:254	134
glandulosa Blanco	60	201	141	1:254	134
procumbens Blanco	60	201			134
Petaloma alba Blanco	44	344	240	2:82	81
coccinea Blanco	44	345	240	2:83	80
Phalaenopsis amabilis Blume	84		592	3:41	243
Phaseolus bulai Blanco	37	572			57
caracalla Linn	39	575	401	2:372	65
ilocanus Blanco	39	572			64
inamoenus Linn	39	571	399	2:368	64
lunatus Linn	39	573	400	2:370	64
mungo Linn	39	573	400	2:370	65
tunkinensis Lour	39		399	2:369	64
vexillatus Blanco	39	574			64
vulgaris Blanco	39		401	2:371	64
Phlomis alba Blanco	70	474	330	2:247	165
zeylanica Blanco	70	475	331	2:248	165
Phyllanthus carolinianus Blanco	76	691			189
kirganelia Blanco	76		480	3:96	189
niruri Blanco	76	690			189
tetrander Blanco	76		480	3:117	189
Physalis angulata Linn	64	138	99	1:181	144
peruviana Linn	64	138	98	1:180	144

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Physalis pubescens Linn	64	138	98	1:181	144
Pilocarpus amara Blanco	27	-------	540	-------	35
Pinus taeda Blanco	82	767	528	3:169	212
Piperaceæ	72	-------	-------	-------	174
Piper anisodorum Blanco	72	-------	16	1:31	176
anisumolens Blanco	72	23	-------	-------	176
betel Blanco	72	22	16	1:30	175
nigrum Linn	72	21	16	1:29	175
obliquum Blanco	72	22	16	1:30	175
parvifolium Blanco	72	23	17	1:32	175
Pisonia aculeata Linn	70	195	137	1:247	167
Pistia stratiotes Linn	90	651	454	3:55	296
Pittosporaceæ	18	-------	-------	-------	18
Plagianthus humilis Blanco	30	526	366	2:315	41
Plantaginaceæ	70	-------	-------	-------	166
Plantago crenata Blanco	70	56	-------	-------	166
media Blanco	70	-------	38	1:70	166
Plinia paniculata Blanco	21	423	296	2:184	17
Plumbaginaceæ	56	-------	-------	-------	122
Plumbago rosea Linn	56	78	58	1:111	122
viscosa Blanco	56	78	58	1:111	122
Plumieria alba Blanco	59	111	80	1:148	129
Poinciana pulcherrima Linn	41	333	232	2:69	69
Polanisia viscosa DC	17	-------	364	2:308	10
Polemonium obscurum Blanco	63	103	75	1:139	142
Polyanthes tuberosa Linn	85	259	181	1:323	254
Polycarpon pholyphyllum Blanco	19	53	36	1:66	15
Polygalaceæ	19	-------	-------	-------	14
Polygala monspeliaca Blanco	19	557	388	2:350	14
Polygonaceæ	71	-------	-------	-------	172
Polygonum bellardi Blanco	71	314	219	2:45	172
stoloniferum Blanco	71	314	219	2:45	172
Polyozus bipinnatus Blanco	51	-------	43	1:79	108
Polypodium adiantiforme Blanco	94	-------	573	3:245	338
phymatodes Linn	94	827	572	3:242	340
quercifolium Linn	94	827	572	3:244	340
serratum Blanco	94	827	572	3:243	337
signatum Blanco	95	-------	572	3:243	340
Polyscias digitata Blanco	51	224	-------	-------	102
disperma Blanco	51	226	-------	-------	102
obtusa Blanco	51	226	-------	-------	102
odorata Blanco	51	225	-------	-------	102
Pongatium spongiosum Blanco	56	86	-------	-------	121
Pontederiaceæ	87	-------	-------	-------	267
Pontederia vaginalis Blanco	87	255	178	1:320	267
Porana volubilis Burm	63	88	64	1:119	143
Portesia rimosa Blanco	31	297	-------	-------	43
Portulacaceæ	19	-------	-------	-------	15
Portulaca axillifiora Blanco	50	-------	285	2:163	100
meridiana Linn	19	406	285	2:163	15
oleracea Linn	19	407	284	2:162	15
toston Blanco	50	408	-------	-------	100
Pothos pinnata Blanco	90	646	450	3:49	289
Poupartia pinnata Blanco	36	392	275	2:146	55
Premna cordata Blanco	68	489	-------	-------	159
integrifolia Blanco	68	-------	342	2:268	159
nauseosa Blanco	68	489	-------	-------	159
odorata Blanco	68	488	341	2:268	159
serratifolia Blanco	68	-------	342	2:269	159
tomentosa Blanco	68	-------	342	2:269	159
Prockia albicans Blanco	77	430	299	2:192	194
Procris erecta Blanco	80	707	490	3:111	203
violacea Blanco	80	706	490	3:110	203
Prunus armeniaca Blanco	43	-------	296	2:185	76
Psidium aromaticum Blanco	45	714	-------	-------	83
pyriferum Blanco	45	-------	292	2:178	83
Psoralea badocana Blanco	37	-------	416	2:395	58
Ptelea arborea Blanco	35	63	-------	-------	58
Pteris grandifolia Blanco	94	829	574	3:246	331
piloselloides Blanco	94	830	574	3:248	337
sinuata Blanco	94	830	-------	-------	338
signata Blanco	95	830	-------	-------	340

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Pteris trichomanoides Blanco	94	830	574	3:247	337
Pterocarpus diadelphus Blanco	40	563	393	2:357	68
frutescens Blanco	40	562	392	2:356	68
pallidus Blanco	40	560	391	2:355	67
santalinus Blanco	40	561	392	2:356	67
Pterospermum hastatum Blanco	25	528	367	2:317	28
obliquum Blanco	25	529	-------	-------	28
semisagittatum Blanco	25	-------	368	2:318	28
Punica granatum Linn	47	422	295	2:184	92
Pycnanthemum decurrens Blanco	69	-------	333	2:251	164
elongatum Blanco	69	-------	333	2:252	164
subulatum Blanco	69	-------	333	2:251	164
Quassia simaruba Blanco	34	-------	247	2:94	51
tricarpa Blanco	34	351	246	2:94	51
tricarpa Blanco	34	351	246	2:94	350
Quercus cerris Blanco	81	727	503	3:130	209
concentrica Blanco	81	-------	502	3:129	208
cooperta Blanco	81	-------	503	3:130	209
glabra Blanco	81	727	-------	-------	208
molucca Blanco	81	726	-------	-------	208
ovalis Blanco	81	-------	502	3:129	208
Quilamum luteum Blanco	47	851	136	1:245	91
Quilesia sericea Blanco	32	177	125	1:224	45
Quirosia anceps Blanco	37	-------	398	2:367	57
secunda Blanco	37	-------	398	2;366	57
Quisqualis indica Linn	45	361	-------	-------	81
spinosa Blanco	44	-------	254	2:109	81
Rafflesia lagascæ Blanco	72	-------	595	2:231	174
philippinensis Blanco	72	-------	365	3:280	174
Randia aculeata Blanco	53	141	99	1:183	108
Ranunculaceæ	15	-------	233	-------	1
Reichardia pentapetala Blanco	41	-------	233	2:71	70
Reichelia palustris Blanco	56	220	155	1:227	121
Remijia angatensis Blanco	53	-------	115	1:206	108
obscura Blanco	53	-------	116	1:207	108
odorata Blanco	53	-------	115	1:205	108
Renealmia gracilis Blanco	84	1	-------	-------	226
exaltata Blanco	84	-------	1	1:2	225
Rhamnaceæ	32	-------	-------	-------	48
Rhamnus carolinianus Blanco	33	169	119	1:214	48
dalanta Blanco	33	170	-------	-------	48
jujuba Linn	32	172	-------	-------	48
talanai Blanco	33	170	-------	-------	48
zizyphus Blanco	33	171	-------	-------	48
zonulatus Blanco	33	172	-------	-------	48
Rhaphis trivalvis Lour	92	45	-------	-------	317
Rheum muricatum Blanco	72	327	-------	-------	173
Rhizophoraceæ	43	-------	-------	-------	79
Rhizophora candel Blanco	44	396	277	2:150	79
gymnorrhiza Linn	44	-------	276	2:149	79
longissima Blanco	43	398	278	2:151	79
mangle Linn	43	397	278	2:151	79
plicata Blanco	44	398	279	2:152	79
polyandra Blanco	44	396	277	2:277	79
tinctoria Blanco	44	394	-------	-------	79
Riana tricapsularis Blanco	32	850	126	1:225	45
Ricinus communis Linn	78	761	523	3:161	196
Ronabea arborea Blanco	53	-------	114	1:204	110
bipinnata Blanco	53	162	-------	-------	110
Rondeletia asiatica Blanco	52	146	-------	-------	106
Rosaceæ	43	-------	-------	-------	76
Rosmarinus officinalis Linn	70	20	15	1:28	165
Rubiaceæ	52	-------	-------	-------	104
Rubus comintanus Blanco	43	-------	298	2:190	77
idaeus Blanco	43	428	298	2:190	77
jamaicensis Blanco	43	427	-------	-------	77
moluccanus Linn	43	428	298	2:190	77
Ruellia contorta Blanco	67	496	347	2:278	157
repens Blanco	66	493	345	2:276	154
secunda Blanco	67	495	348	2:278	155
uliginosa Blanco	66	494	346	2:277	153
Rumex muricatus Blanco	72	-------	195	1:346	173

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Rutaceæ	27				34
Saccharum koenigii Blanco	92	44	30	1:56	316
officinarum Linn	92	42	29	1:55	317
Salacia sinensis Blanco	32	26	19	1:36	47
Salceda montana Blanco	21		374	2:327	19
Salgada lauriflora Blanco	73		221	2:50	179
Salicaceæ	81				210
Salix azaolana Blanco	81		539	3:188	210
Salvadoraceæ	58				128
Salvia violacea Blanco	70		14	1:27	165
Sambucus javanica Blume	51		151	1:271	103
Samydaceæ	48				93
Samyda pubescens Blanco	48		263	2:124	93
serrulata Blanco	48	374			93
trialvis Blanco	48	374	263	2:124	93
Sandoricum indicum Cav	31		242	2:85	42
ternatum Blanco	31	346			42
Sapindaceæ	34				50
Sapindus baccatus Blanco	35	290			52
edulis Blanco	34		201	2:12	51
guisian Blanco	34		201	2:11	51
koelreuteria Blanco	34	289			50
saponaria Blanco	34	288			51
Sapotaceæ	57				124
Sapota nigra Blanco	58	409			127
Saxafragaceæ	43				77
Scaevola lobelia Blanco	56	147	104	1:193	120
Schmidelia conferta Blanco	34		217	2:41	51
triandra Blanco	35		218	2:42	52
Schotia speciosa Blanco	41	356	251	2:100	77
Scitimineæ	82				215
Scirpus niloticus Blanco	91	33	23	1:43	308
Sclerotium subterraneum Blanco	96	845	584	3:266	
Scoparia dulcis Linn	65	55	37	1:69	149
Scrophulariaceæ	64				146
Sebifera glutinosa Lour	73	819	566	3:233	180
balongai Blanco	74	820	567	3:235	180
Securidaca complicata Blanco	19		388	2:349	14
volubilis Blanco	19	556			14
Semecarpus anacardium Blanco	36	217	152	1:275	55
cuneiformis Blanco	36	220	155	1:276	55
Senecio caliaster Blanco	56		441	3:24	120
Seringia lanceolata Blanco	35		45	1:85	53
Serissa myrtifolia Blanco	53	164			103
pinnata Blanco	53	163			108
Serratula multiflora Blanco	54	617	431	3:7	112
Sesamum indicum Linn	66	507	353	2:290	158
Sesbania cannabina Blanco	38		418	2:400	59
grandiflora Pers	38	599	418	2:399	60
Sesuvium portulacastrum Linn	50	426	297	2:187	99
Sida frutescens Blanco	23		384	2:341	22
indica Linn	23	547	283	2:339	23
lanceolata Roxb	23	548			22
philippica DC	23		283	2:340	22
semicrenata Link	23		348	2:341	22
truncatula Blanco	23	548			22
Sideroxylon balitbitan Blanco	57	130	92	1:169	124
duclitan Blanco	57	129	92	1:168	124
Simarubaceæ	29				38
Sinapis brassicata Linn	17	219	362	2:305	10
juncea Linn	17		362	2:304	10
sinensis Blanco	17	520			10
Smilax divaricata Blanco	86	795	548	3:203	258
fistulosa Blanco	87	796	549	3:205	262
latifolia Blanco	87		548	3:204	262
pseudochina Blanco	87	795	548	3:204	263
Smithia bigeminata Blanco	38		395	2:362	60
Soala litoralis Blanco	16	437	304	2:199	5
Solanaceæ	63				143
Solanum coagulans Blanco	64	135	97	1:177	144
lycopersicum Linn	63	134	96	1:176	143
mauritianum Blanco	64	134	96	1:176	143

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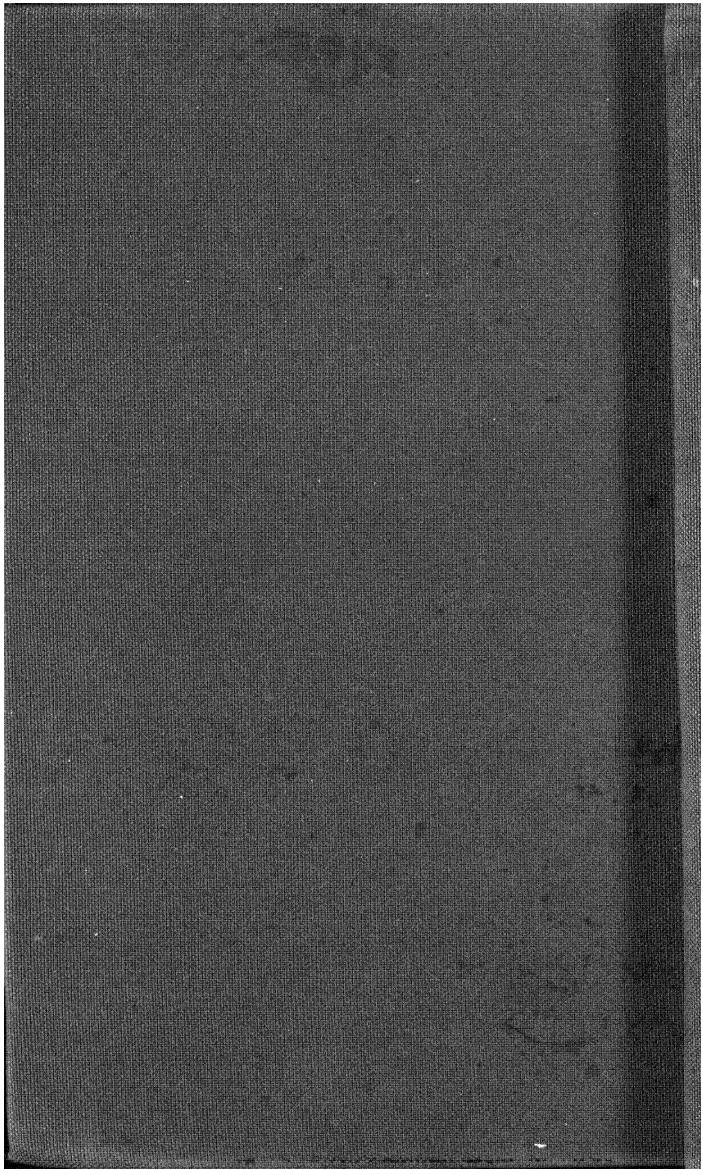

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